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2021	Salt-Responses in <i>Lycopersicon esculentum</i> Calli and whole Plants. 1992 , 140, 494-501	43
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2018	Indicators of Environmental Stress in Wetland Plants. 1992 , 603-624	9
2017	Incomplete turgor adjustment in <i>Cladophora rupestris</i> under fluctuating salinity regimes. 1992 , 34, 413-427	10
2016	Salinity and mineral nutrition effects on growth and accumulation of organic and Inorganic ions in two cultivated tomato varieties. 1992 , 15, 2789-2799	11
2015	ANATOMICAL AND METABOLIC RESPONSES TO WATERLOGGING AND SALINITY IN <i>SPARTINA ALTERNIFLORA</i> AND <i>S. PATENS</i> (POACEAE). 1992 , 79, 765-770	34
2014	Waterlogging responses of <i>Sporobolus virginicus</i> (L.) Kunth. 1992 , 90, 445-450	46
2013	Effects of chloride and sodium on gas exchange parameters and water relations of Citrus plants. 1992 , 86, 115-123	97
2012	Effects of nitrogen source on growth, nutrition, photosynthetic rate and nitrogen metabolism of mycorrhizal and phosphorus-fertilized plants of <i>Lactuca sativa</i> L.. 1992 , 121, 227-234	63

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2009	Growth and some metabolic activities of <i>Scenedesmus obliquus</i> cultivated under different NaCl concentrations. 1992 , 34, 423-430	9
2008	Effect of salinity and tryptophan on growth and some metabolic changes in wheat and sorghum plants. 1992 , 34, 439-443	4
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2005	Effect of water deficit and sulphur dioxide on total soluble proteins, nitrate reductase activity and free proline content in sunflower leaves. 1992 , 34, 305	10
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2003	Effects of Nitrogen Sources on Glutamate Dehydrogenase and Glutamine Synthetase Activity in Suspension Cultures of <i>Atropa belladonna</i> L.. 1992 , 188, 283-294	2
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1982	Response of pigeon pea cultivars to water stress. 1993 , 35, 641-644	6
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1980	Interspecific Variation in Physiological and Metabolic Responses of five Species of <i>Cymbopogon</i> to Water Stress. 1993 , 142, 618-622	35
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1978	Changes in the Alkaloid Content of Plants of <i>Catharanthus roseus</i> L. (Don). as a Result of Water Stress and Treatment with Absciscic Acid. 1993 , 142, 244-247	25
1977	In vitro-Selection and Regeneration of Hydroxyproline-Resistant Lines of Winter Wheat with Increased Proline Content and Increased Frost Tolerance. 1993 , 142, 222-225	44
1976	Effect of salt stress on the enzymes of proline synthesis and oxidation in greengram (<i>Phaseolus aureus</i> roxb.) seedlings. 1993 , 141, 621-623	46

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1974	Proline Accumulation as Drought-tolerance Selection Criterion: its Relationship to Membrane Integrity and Chloroplast Ultrastructure in <i>Nicotiana tabacum</i> L.. 1993 , 141, 188-194	116
1973	Evaluation of biochemical markers (sugar, proline, malonedialdehyde and ethylene) for cold sensitivity in microcuttings of two coffee species. 1993 , 91, 109-116	45
1972	Cell membrane stability and biochemical response of cultured cells of groundnut under polyethylene glycol-induced water stress. 1993 , 90, 179-185	14
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1969	Analysis of industrial effluents and their impact on the growth and metabolism of <i>Phaseolus mungo</i> , L.. 1993 , 24, 2241-2249	5
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1967	Effects of salinity on nitrate, total nitrogen, soluble protein and free amino acid levels in tomato plants. 1993 , 68, 1021-1027	33
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1964	Cell neutrality in sodium chloride-treated leaves and calli of the wilted mutant <i>Lycopersicon esculentum</i> flacca and the wild species <i>Lycopersicon peruvianum</i> . 1994 , 17, 763-774	1
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1953	Effects of water-stress on proline content and ornithine aminotransferase activity of radish cotyledons. 1994 , 37, 1227-1231		9
1952	Effect of drought stress on growth and essential oil metabolism in lemongrasses. 1994 , 128, 173-179		76
1951	Chilling Tolerance, Cold Hardening and Freezing Tolerance of Low-temperature-tolerant Mutants of <i>Dendranthema grandiflorum</i> (Ramat.) Kitamura. 1994 , 113, 18-26		
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1948	Water Stress in Leaves of <i>Phaseolus vulgaris</i> Infected with <i>Xanthomonas campestris</i> pv. <i>phaseoli</i> . 1994 , 140, 219-226		5
1947	Salt tolerance of pigeon pea (<i>Cajanus cajan</i> (L.) Millsp.) at three growth stages. 1994 , 124, 153-164		17
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1938	ABA as a Modulator of the Response of <i>Pisum sativum</i> to Salt Stress. 1994 , 143, 245-249	43
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1936	Methyl Jasmonate Induces the Accumulation of Putrescine but not Proline in Detached Rice Leaves. 1994 , 143, 119-121	12
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1934	Clonal integration in <i>Spartina patens</i> across a nitrogen and salinity gradient. 1994 , 72, 767-770	35
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1929	Effect of host plant resistance and chemical control of the head bug, <i>Calocoris angustatus</i> Leth., on grain quality and seedling establishment in sorghum. 1995 , 126, 131-142	1
1928	Further Evaluation of the Resistance of Black Barley to Water Stress: Preliminary Assessment for Selecting Drought Resistant Barley. 1995 , 174, 9-19	7
1927	Distribution Pattern of Free Proline in Rice (<i>Oryza sativa</i> L.) Grown under Low Light Irradiance. 1995 , 175, 207-209	2
1926	Changes in Growth, Ions and Metabolites in Two Callus Lines of <i>Vigna radiata</i> which Differ in Salt Tolerance. 1995 , 175, 325-334	1
1925	Variation in Salinity Tolerance in Sunflower (<i>Helianthus annuum</i> L.). 1995 , 174, 351-362	81
1924	Responses of four arid zone grass species from varying habitats to drought stress. 1995 , 37, 567	11
1923	Peroxidase activities of two rice cultivars differing in salinity tolerance as affected by proline and NaCl. 1995 , 37, 577	22
1922	Adaptability to drought in sugar beet cultivars. 1995 , 37, 107	4

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1919	Isolation and characterization of NaCl resistant cell line of mulberry. 1995 , 37, 449	
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1914	Water stress-induced alterations in the proline metabolism of drought-susceptible and -tolerant cassava (<i>Manihot esculenta</i>) cultivars. 1995 , 94, 635-642	41
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1910	Effect of zinc on free radicals and proline in <i>Brassica</i> and <i>Cajanus</i> . 1995 , 39, 45-47	138
1909	Effect of infestation by aphids on the water status of barley and insect development. 1995 , 40, 1083-1088	32
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1891	Effect of Osmotic and Ionic Stresses on Proline and Organic Acid Contents during Imbibition and Germination of Soybean Seeds. 1995 , 146, 725-730	9
1890	Biochemical Mechanism in Glossy sorghum Lines for Resistance to Salinity Stress. 1995 , 146, 515-519	41
1889	Leaf water relations and solute accumulation in two grain sorghum lines exhibiting contrasting drought tolerance. 1995 , 46, 1833-1841	52
1888	Effect of salinity on stomatal resistance, proline, and mineral composition of pepper. 1996 , 19, 389-396	70
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1886	Proline accumulation is associated with inhibition of rice seedling root growth caused by NaCl. 1996 , 114, 121-128	54

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1873	Influence of proline and hydroxyproline on salt-stressed axillary bud cultures of two varieties of potato (<i>Solanum tuberosum</i>). 1996 , 32, 47-50	10
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1868	In vitro selection of wheat callus tolerant to high levels of salt and plant regeneration. 1996 , 91, 127-140	36

1867	Biochemical comparisons of habituated and non-habituated callus lines of <i>Glycine max</i> (L.) cv. Acme. 1996 , 18, 223-231	6
1866	Effects of salt stress on growth, mineral nutrition and proline accumulation in relation to osmotic adjustment in rice (<i>Oryza sativa</i> L.) cultivars differing in salinity resistance. 1996 , 19, 207-218	190
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1863	Evidence for a role for L-proline as a salinity protectant in the cyanobacterium <i>Nostoc muscorum</i> . 1996 , 19, 490-494	30
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1860	Fluxes of Na ⁺ , K ⁺ and Cl ⁻ , and osmotic adjustment in <i>Lycopersicon pimpinellifolium</i> and <i>L. esculentum</i> during short- and long-term exposures to NaCl. 1996 , 97, 583-591	55
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1858	Effect of nitrogen deficiency on growth and some biochemical characteristics in salt-tolerant and salt-sensitive lines of <i>Lentil</i> (<i>lens culinaris medic.</i>). 1996 , 40, 231-239	1
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1854	Stress responses of tobacco cells to high temperature and salinity. Proline accumulation and phosphorylation of polypeptides. 1997 , 100, 320-326	4
1853	Response of champenoise grapevine to low temperatures: Changes of shoot and bud proline concentrations in response to low temperatures and correlations with freezing tolerance. 1997 , 72, 577-582	24
1852	A phytocentric perspective of <i>Asterolecanium quercicola</i> Bouché infestation on <i>Quercus robur</i> L. trees along an urbanization gradient. 1997 , 63, 25-31	3
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1848	Stress responses of tobacco cells to high temperature and salinity. Proline accumulation and phosphorylation of polypeptides. 1997 , 100, 320-326	102
1847	Proline level in leaves and yield of cuttings and flowers of chrysanthemum as influenced by different root zone conditions. 1997 , 68, 171-180	1
1846	Growth, ion content and proline accumulation in NaCl-selected and non-selected cell lines of lucerne cultured on sodium and potassium salts. 1997 , 127, 71-79	8
1845	Regeneration of plantlets from NaCl tolerant callus lines of <i>Cymbopogon martinii</i> (Roxb.) Wats.. 1997 , 128, 67-74	18
1844	Photosynthesis in coffee (<i>Coffea arabica</i> and <i>C. canephora</i>) as affected by winter and summer conditions. 1997 , 128, 43-50	50
1843	Physiological changes in osmotically stressed detached leaves of alfalfa genotypes selected in vitro. 1997 , 129, 147-156	8
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1841	Effect of pretreatment with methyl jasmonate on the response of <i>Pisum sativum</i> to salt stress. 1997 , 151, 735-740	34
1840	Aluminum and water stress effects on growth and proline of sorghum. 1997 , 150, 338-344	33
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1838	Amelioration of NaCl stress by triadimefon in peanut seedlings. 1997 , 22, 157-162	26
1837	Effects of salt and osmotic shocks on unadapted and adapted callus lines of tobacco. 1997 , 49, 45-52	26
1836	In vitro selection and physiological characterization of NaCl- and mannitol-adapted callus lines in <i>Brassica juncea</i> . 1997 , 50, 161-169	23
1835	Plant regeneration of salt adapted callus of indica rice (var. Basmati 370) in saline conditions. 1997 , 50, 153-159	15
1834	Salt tolerance of soybean cultivars. 1997 , 39, 263-269	29
1833	Shoot regeneration and protein synthesis in tomato tissue cultures. 1997 , 39, 303-308	6
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1818	Response of photosynthesis of <i>Pisum sativum</i> to salt stress as affected by methyl jasmonate. 1998 , 35, 89-97	43
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1625	Effect of heavy metals Co^{2+} , Ni^{2+} and Cd^{2+} on growth and metabolism of cabbage. 2002 , 163, 753-758	339
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- 694 Mycorrhization changes the antioxidant response and chemical profile of *Lippia alba* (Verbenaceae) essential oil under salinity conditions. **2023**, 152, 264-277 o
- 693 Insights into the per- and polyfluoroalkyl substances-contaminated paper mill processing discharge: Detection, phytotoxicity, bioaccumulative profiling, and health risk verification. **2023**, 384, 135478 o
- 692 Evaluation of the effect of UV-B radiation on growth, photosynthetic pigment, and antioxidant enzymes of some cyanobacteria. **2023**, 218, 114943 o
- 691 Comparative morphological, physiological and molecular analyses of drought-stressed strawberry plants affected by SiO₂ and SiO₂-NPs foliar spray. **2023**, 309, 111686 1
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- 688 Improved effects of combined application of nitrogen-fixing bacteria *Azotobacter beijerinckii* and microalgae *Chlorella pyrenoidosa* on wheat growth and saline-alkali soil quality. **2023**, 313, 137409 o
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- 686 Endophytic *Fusarium clavum* confers growth and salt tolerance in *Cucumis melo*. **2023**, 206, 105153 o
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- 682 Modulation of the non-target phytotoxicity of glyphosate by soil organic matter in tomato (*Solanum lycopersicum* L.) plants. **2023**, 310, 111773 o
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- 676 Physio-biochemical responses of hybrid citrus rootstock progenies to NaCl induced salinity. **2019**, 89, ○
- 675 Adaptive mechanism of stress tolerance in *Urochondra* (grass halophyte) using roots study. **2019**, 89, 1
- 674 Postharvest treatments to reduce chilling injury in summer squash (*Cucurbita pepo*) fruits during storage. **2019**, 89, ○
- 673 Effect of gum arabic and fruwash coatings on postharvest quality of summer squash (*Cucurbita pepo*). **2019**, 89, ○
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- 671 The impact of phytochemical, morpho-physiological, and biochemical changes of *Lallemantia royleana* (Benth.) on drought tolerance. **2022**, 25, 440-457 ○
- 670 Phytoremediation Potential and Physiological Mechanisms Underlying Metallic Extraction of *Suaeda glauca*, *Artemisia desertorum*, and *Atriplex canescens*. **2022**, 19, 16035 ○
- 669 Bioaccumulation and physiological changes in the fruiting body of *Agaricus bisporus* (Large) sing in response to cadmium. **2022**, 12, ○
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- 667 Variation of some growth, agronomical and biochemical parameters of *Vigna unguiculata* (L. Walp) under salinity stress. **2022**, 18, 956-966 ○
- 666 Inoculation of plant-growth-promoting rhizobacteria and earthworms in the rhizosphere reinstates photosynthetic attributes and secondary metabolites in *Brassica juncea* L. under chromium toxicity. ○
- 665 Molecular and Physiological Evaluation of Bread Wheat (*Triticum aestivum* L.) Genotypes for Stay Green under Drought Stress. **2022**, 13, 2261 ○
- 664 The Physiological Responses of Wheat and Maize Seedlings Grown under Water Deficit Are Modulated by Pre-Application of Auxin-Type Plant Growth Regulators. **2022**, 11, 3251 1
- 663 A novel mineral composition increases soybean crop yield by mitigating stress induced by ultraviolet-A and -B radiation. ○
- 662 Biomass composite with exogenous organic acid addition supports the growth of sweet sorghum (*Sorghum bicolor* 'Dochna') by reducing salinity and increasing nutrient level in coastal saline/alkaline soil. ○

- 661 Methionine-Induced Regulation of Secondary Metabolites and Antioxidants in Maize (*Zea mays* L.) Subjected to Salinity Stress. o
- 660 PIIN_05330 transgenic Arabidopsis plants enhanced drought-stress tolerance. o
- 659 Plant Growth Stimulators Improve Two Wheat Cultivars Salt-Tolerance: Insights into Their Physiological and Nutritional Responses. **2022**, 11, 3198 o
- 658 Phytoaccumulation of zinc from contaminated soil using ornamental plants species *Helianthus annuus* L. and *Tagetes erecta* L.. 1-17 o
- 657 Can Chlorophyll a Fluorescence and Photobleaching Be a Stress Signal under Abiotic Stress in *Vigna unguiculata* L.? **2022**, 14, 15503 1
- 656 Adaptive Responses of Four Medicinal Plants to High Altitude Oxidative Stresses through the Regulation of Antioxidants and Secondary Metabolites. **2022**, 12, 3032 o
- 655 Activity of low-molecular weight components of *Larix sibirica* antioxidant system under exposure to technogenic pollution. **2022**, 31, 1492-1505 o
- 654 Genetic analysis and physiological relationships of drought response in fennel: Interaction with mating system. **2022**, 17, e0277926 o
- 653 Physiological mechanism of exogenous brassinolide alleviating salt stress injury in rice seedlings. **2022**, 12, o
- 652 The Biostimulant Effect of Hydroalcoholic Extracts of *Sargassum* spp. in Tomato Seedlings under Salt Stress. **2022**, 11, 3180 o
- 651 Morpho-physiological and demographic responses of three threatened *Ilex* species to changing climate aligned with species distribution models in future climate scenarios. **2023**, 195, o
- 650 Comparison of Different Cover Materials and External Brassinosteroid Application in Strawberry Growing in Temperate Climate Conditions. o
- 649 Deficit irrigation scheduling with mulching and yield prediction of guava (*Psidium guajava* L.) in a subtropical humid region. 10, o
- 648 Remediation of Cadmium Stress in Strawberry Plants Using Humic Acid and Silicon Applications. **2022**, 12, 1962 o
- 647 Comparative analysis of cold-responsive genes under short-term cold stimulation and cold-adaptive genes under long-term heterogeneous environments reveals a cold adaptation mechanism in weeping forsythia. o
- 646 Protective Strategies of *Haberlea rhodopensis* for Acquisition of Freezing Tolerance: Interaction between Dehydration and Low Temperature. **2022**, 23, 15050 o
- 645 Physiological analysis of drought stress influenced by *Claroideoglossum claroideum* inoculation of in vitro or seed-propagated *Coleus forskohlii* Briq plants. 1
- 644 Biochemical response of *Ocimum basilicum* L. inoculated with *Rhizophagus fasciculatus* as a NaCl-stress mitigator. **2022**, 39, e223953 o

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- 642 Mitigation of Negative Effects of Chromium (VI) Toxicity in Faba Bean (*Vicia faba*) Plants through the Supplementation of Kinetin (KN) and Gibberellic Acid (GA3). **2022**, 11, 3302 ○
- 641 Agro-Morphological, Yield and Biochemical Responses of Selected Wheat (*Triticum aestivum* L.) Genotypes to Salt Stress. **2022**, 12, 3027 ○
- 640 Biochemical and Transcriptional Responses in Cold-Acclimated and Non-Acclimated Contrasting Camelina Biotypes under Freezing Stress. **2022**, 11, 3178 ○
- 639 Susceptibility of Rice Crop to Salt Threat: Proteomic, Metabolomic, and Physiological Inspections. ○
- 638 Seed Biopriming with *Trichoderma Harzianum* for Growth Promotion and Drought Tolerance in Rice (*Oryza sativus*). ○
- 637 Rice MYB transcription factor OsMYB1R1 negatively regulates drought resistance. ○
- 636 Screening of cold hardiness-related indexes and establishment of a comprehensive evaluation method for grapevines (*V. vinifera*). 13, ○
- 635 Effect of exogenous Ca on the physiology and growth indicators of pakchoi under foliar and root fluorine stress.. ○
- 634 Estimation of Phytochemicals and Enzyme Activities in Forages. **2023**, 147-164 ○
- 633 The desert 'plant' *Calotropis procera* maintains C3 photosynthetic metabolism under salt stress. ○
- 632 Morphological and Physiological Responses of In Vitro-Grown Cucurbita sp. Landraces Seedlings under Osmotic Stress by Mannitol and PEG. **2022**, 8, 1117 ○
- 631 Alternate wetting and drying modulated physio-biochemical attributes, grain yield, quality, and aroma volatile in fragrant rice. **2022**, 174, ○
- 630 Mycosynthesis of Silica Nanoparticles Using *Aspergillus niger*: Control of *Alternaria solani* Causing Early Blight Disease, Induction of Innate Immunity and Reducing of Oxidative Stress in Eggplant. **2022**, 11, 2323 4
- 629 Transcriptomic analysis reveals the mechanism of the alleviation of salt stress by salicylic acid in pepper (*Capsicum annuum* L.). ○
- 628 Arbuscular mycorrhizal fungi enhance photosynthesis and drought tolerance by regulating MAPK genes expressions of *Populus simonii* TP. *nigra* . **2022**, 174, 1
- 627 Changes in polyphenolic composition, physiological characteristics, and yield-related traits of Moshgak (*Ducrosia anethifolia* Boiss.) populations in response to drought stress. 1
- 626 Expression of the W36, P5CS, P5CR, MAPK3, and MAPK6 genes and proline content in bread wheat genotypes under drought stress. ○

- 625 How Does the Freezing Stress in the Seedling Stage Affect the Chickpea Morpho-Physiological and Biochemical Attributes?. 0
- 624 Valorization of banana peel as biochar and assessment of its effect in biochar-assisted phytoremediation of cadmium-contaminated soil by using the Taguchi method. 0
- 623 Impacts of Drought Stress on Some Physiological Features of Two Important Grapevine Cultivars (*Vitis vinefera* cv; *V. agrotidis* and *B. idanese*) 0
- 622 MaDREB1F confers cold and drought stress resistance through commonly regulating hormones synthesis and protectant metabolite contents in banana. 0
- 621 Grapevine Leafroll-Associated Virus 3 in Single and Mixed Infections Triggers Changes in the Oxidative Balance of Four Grapevine Varieties. **2023**, 24, 8 0
- 620 Effects of malic acid and EDTA on oxidative stress and antioxidant enzymes of okra (*Abelmoschus esculentus* L.) exposed to cadmium stress. **2022**, 248, 114320 1
- 619 Effect of Calcium Silicate Supplementation on the Growth of *Trigonella foenum-graecum* L. Variety Hisar Sonali Under Saline Conditions. **2023**, 214-224 0
- 618 ACC deaminase-producing endophytic fungal consortia promotes drought stress tolerance in *M. oleifera* by mitigating ethylene and H₂O₂. 13, 0
- 617 Exogenous melatonin ameliorates drought stress in *Agropyron mongolicum* by regulating flavonoid biosynthesis and carbohydrate metabolism. 13, 0
- 616 Impact of sewage water irrigation on *Datura innoxia* grown in sandy loam soil. **2022**, 22, 0
- 615 Impact of Irrigation with Wastewater on Accumulation of Heavy Metals in *Phaseolus vulgaris* L. and Its Remediation. 0
- 614 Soil-applied Nickel Generates Differential Responses in Growth, Physiology and Oxidative Metabolism of Fenugreek (*Trigonella foenum-graecum* L.) Varieties. **2023**, 110, 0
- 613 Responses of *Lilium* hybrid 'Brindisi' to varying periods of waterlogging at vegetative stages. 66, 287-297 0
- 612 Callus Induction and Plant Regeneration from *Carum copticum* and Assessment of Antioxidant Responses and Phytochemical Profiling by In Vitro Salinity Stress. **2023**, 9, 22 0
- 611 Biofertilizer Role in Alleviating the Deleterious Effects of Salinity on Wheat Growth and Productivity. 0
- 610 Melatonin improves salt tolerance of in vitro root culture of alfalfa (*Medicago sativa* L.). 0
- 609 Appraisal of Heavy Metals Accumulation, Physiological Response, and Human Health Risks of Five Crop Species Grown at Various Distances from Traffic Highway. **2022**, 14, 16263 0
- 608 Foliar Application of Chitosan and Phosphorus Alleviate the Potato virus Y-Induced Resistance by Modulation of the Reactive Oxygen Species, Antioxidant Defense System Activity and Gene Expression in Potato. **2022**, 12, 3064 2

607	Comparative Analysis of Physiological, Hormonal and Transcriptomic Responses Reveal Mechanisms of Saline-Alkali Tolerance in Autotetraploid Rice (<i>Oryza sativa</i> L.). 2022 , 23, 16146	2
606	Involvement of Nitric Oxide in Methyl Jasmonate-Mediated Regulation of Water Metabolism in Wheat Plants under Drought Stress. 2022 , 2, 477-492	0
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604	Cross-Priming Approach Induced Beneficial Metabolic Adjustments and Repair Processes during Subsequent Drought in Olive. 2022 , 14, 4050	0
603	Elevated CO ₂ Alters the Physiological and Transcriptome Responses of <i>Pinus densiflora</i> to Long-Term CO ₂ Exposure. 2022 , 11, 3530	1
602	Physio-biochemical characterization of wheat genotypes under temperature stress.	1
601	Genome-Wide Association Study (GWAS) and genome prediction of seedling salt tolerance in bread wheat (<i>Triticum aestivum</i> L.). 2022 , 22,	0
600	Pinpointing genomic loci for drought-induced proline and hydrogen peroxide accumulation in bread wheat under field conditions. 2022 , 22,	0
599	Evaluation of the Fungicidal Effect of Some Commercial Disinfectant and Sterilizer Agents Formulated as Soluble Liquid against <i>Sclerotium rolfsii</i> Infected Tomato Plant. 2022 , 11, 3542	1
598	Role of Endogenous Salicylic Acid as a Hormonal Intermediate in the Bacterial Endophyte <i>Bacillus subtilis</i> -Induced Protection of Wheat Genotypes Contrasting in Drought Susceptibility under Dehydration. 2022 , 11, 3365	0
597	Improved micropropagation and salinity tolerance of strawberry (<i>Fragaria X ananassa</i> L) cv. Albion. 2022 , 7, 1-7	0
596	Genome-wide identification and characterization of the IPT family members in nine Rosaceae species and a functional analysis of MdIPT5b in cold resistance. 2022 ,	0
595	Evaluation of yield traits and tolerance indices of different wheat genotypes under drought stress conditions.	0
594	Hydrogen peroxide pretreatment assisted phytoremediation of sodium dodecyl sulfate by <i>Juncus acutus</i> L. 2022 , 22,	0
593	Effects of Plant Growth Regulators on Seed Germination and Biochemical Properties of Two Wheat Cultivars Under Water Deficit Conditions.	0
592	Acetone O-(4-chlorophenylsulfonyl)Oxime as an Agent Alleviating the Adverse Effects of Drought Stress in Maize. 2014-2026	0
591	Guanidino acid hydrolysis by the human enzyme annotated as agmatinase. 2022 , 12,	0
590	Sustainable livelihoods study and salt tolerance effects on two important arid region tree species <i>Prosopis cineraria</i> (L.) Druze and <i>Prosopis juliflora</i> (Sw.) DC.	0

- 589 Salicylic Acid Pre-Treatment Reduces the Physiological Damage Caused by the Herbicide Mesosulfuron-methyl + Iodosulfuron-methyl in Wheat (*Triticum aestivum*). **2022**, 12, 3053 ○
- 588 Melatonin as a Foliar Application and Adaptation in Lentil (*Lens culinaris* Medik.) Crops under Drought Stress. **2022**, 14, 16345 3
- 587 Salicylic acid increases tolerance of *Vigna mungo* cv. T9 to short-term drought stress. **2023**, 45, ○
- 586 Effect of exogenous selenium on mineral nutrition and antioxidative capacity in cucumber (*Cucumis sativus* L.) seedlings under cadmium stress. **2022**, 68, 580-590 ○
- 585 Stimulating the Growth, Anabolism, Antioxidants, and Yield of Rice Plants Grown under Salt Stress by Combined Application of Bacterial Inoculants and Nano-Silicon. **2022**, 11, 3431 ○
- 584 PopW improves salt stress tolerance of red clover (*Trifolium pratense* L.) via activating phytohormones and salinity related genes. 1
- 583 Foliar cytokinins or brassinosteroids applications influence the rice plant acclimatization to combined heat stress. 13, 1
- 582 Mitigation of Chilling Stress by Ozone Pretreatment and Acclimation of Sweet Pepper Grown under Unheated Greenhouse Conditions. **2022**, 8, 1189 ○
- 581 Enzymatic antioxidant activity and physiological responses of local swamp rice cultivars from Kalimantan-Indonesia under iron toxicity during vegetative stage. ○
- 580 Rebalancing Nutrients, Reinforcing Antioxidant and Osmoregulatory Capacity, and Improving Yield Quality in Drought-Stressed *Phaseolus vulgaris* by Foliar Application of a Bee-Honey Solution. **2023**, 12, 63 ○
- 579 The Aux/IAA protein TaIAA15-1A confers drought tolerance in *Brachypodium* by regulating abscisic acid signal pathway. ○
- 578 Effects of ultrasonic waves on seedling growth, biochemical constituents, genetic stability of fenugreek (*Trigonella foenum-graecum*) under salinity stress. ○
- 577 Applied Selenium as a Powerful Antioxidant to Mitigate the Harmful Effects of Salinity Stress in Snap Bean Seedlings. **2022**, 12, 3215 2
- 576 Exogenous Application of Glycine Betaine on Sweet Cherry Tree (*Prunus avium* L.): Effects on Tree Physiology and Leaf Properties. **2022**, 11, 3470 ○
- 575 Changes in the photosynthetic performance, the activity of enzymes of nitrogen metabolism, and proline content in the leaves of wheat plants after exposure to low CO₂ concentration. ○
- 574 Impacts of Pb-Induced Oxidative Stress on Morphological, Physiological and Biochemical Properties of Tree Species. **2022**, 9, ○
- 573 Alleviation of Cr(VI) Toxicity and Improve Phytostabilization Potential of *Vigna radiata* Using a Novel Cr(VI) Reducing Multi-Stress-Tolerant Plant Growth Promoting Rhizobacterial Strain *Bacillus flexus* M2. **2022**, 12, 3079 ○
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- 571 Responses of tree growth, leaf area and physiology to pavement in *Ginkgo biloba* and *Platanus orientalis*. 13, ○
- 570 Citric acid assisted phytoextraction of nickel from soil helps to tolerate oxidative stress and expression profile of NRAMP genes in sunflower at different growth stages. 13, ○
- 569 Comparison of *Serendipita indica* Inoculums and a Commercial Biofertilizer Effects on Physiological Characteristics and Antioxidant Capacity of Maize Under Drought Stress. ○
- 568 Changes in leaf gas exchange of kale (*Brassica oleracea* var. *acephala*) landraces under drought stress. **2022**, 277-284 ○
- 567 Biochemical changes, biomass production, and productivity of *Triticum aestivum* as a function of increasing molybdenum application. 1-12 ○
- 566 Rhizosphere *Priestia* species altered cowpea root transcriptome and enhanced growth under drought and nutrient deficiency. **2023**, 257, ○
- 565 CONSTANS-LIKE 1a positively regulates salt and drought tolerance in soybean. ○
- 564 The TaGSK1, TaSRG, TaPTF1, and TaP5CS Gene Transcripts Confirm Salinity Tolerance by Increasing Proline Production in Wheat (*Triticum aestivum* L.). **2022**, 11, 3401 ○
- 563 Response in barley roots during interaction with *Bacillus subtilis* and *Fusarium graminearum*. **2022**, 105128 ○
- 562 Biostimulation of tomato growth and biocontrol of *Fusarium* wilt disease using certain endophytic fungi. **2022**, 63, 1
- 561 ACC Deaminase Produced by PGPR Mitigates the Adverse Effect of Osmotic and Salinity Stresses in *Pisum sativum* through Modulating the Antioxidants Activities. **2022**, 11, 3419 ○
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- 559 Alternative fertilization effects on peach and nectarine plant and fruit characteristics. **2022**, 547-554 ○
- 558 Toxicity assessment of metribuzin and its amelioration through plant growth regulators in *Vigna radiata* (L.) R. Wilczek. ○
- 557 Differential activity of wheat antioxidant defense system and alterations in the accumulation of osmolytes at different developmental stages as influenced by marigold (*Tagetes erecta* L.) leachates. 13, ○
- 556 Integrative physiological and metabolomics study reveals adaptive strategies of wheat seedlings to salt and heat stress combination. 1
- 555 Mitigation Effects of Melatonin Applied to Cauliflower Seedlings Under Different Flooding Durations. ○
- 554 Phytoremediation of nickel and zinc using *Jatropha curcas* and *Pongamia pinnata* from the soils contaminated by municipal solid wastes and paper mill wastes. **2022**, 115055 1

553	Identification of birch lncRNAs and mRNAs responding to salt stress and characterization of functions of lncRNA.	0
552	Salt Tolerance Potential in Onion: Confirmation through Physiological and Biochemical Traits. 2022 , 11, 3325	0
551	Exogenous Gallic Acid Confers Salt Tolerance in Rice Seedlings: Modulation of Ion Homeostasis, Osmoregulation, Antioxidant Defense, and Methylglyoxal Detoxification Systems. 2023 , 13, 16	1
550	Effects of Different Levels of Water Salinity on Plant Growth, Biochemical Content, and Photosynthetic Activity in Cabbage Seedling Under Water-Deficit Conditions.	1
549	The modified biochars influence nutrient and osmotic statuses and hormonal signaling of mint plants under fluoride and cadmium toxicities. 13,	0
548	Environmental sustainability and resilience; Phytoremediation of heavy metals and plant physiological response in the Marble waste polluted ecosystem. 2022 , 135733	1
547	Moringa olferia smoke induced positive changes in biochemical, metabolic, and antioxidant profile of rice seedling under cadmium stress. 1-11	0
546	Commercial Initiation of Feather Hydrolysate as Supreme Fertilizer: A Smart Bio-Cleaning Strategy of Poultry Waste.	0
545	Salt stress in plants and amelioration strategies: alleviation of agriculture and livelihood risks after the Covid-19 pandemic.	0
544	Physiological adaptability of <i>Salvadora oleoides</i> to sodicity and salinity stress. 2022 , 92,	0
543	Leucine Contributes to Copper Stress Tolerance in Peach (<i>Prunus persica</i>) Seedlings by Enhancing Photosynthesis and the Antioxidant Defense System. 2022 , 11, 2455	1
542	Warming offsets the benefits of elevated CO ₂ in water relations while amplifies elevated CO ₂ -induced reduction in forage nutritional value in the C ₄ grass <i>Megathyrus maximus</i> . 13,	0
541	Effects of Silver Nanoparticles on Physiological and Proteomic Responses of Tobacco (<i>Nicotiana tabacum</i>) Seedlings Are Coating-Dependent. 2022 , 23, 15923	0
540	Melatonin induces drought tolerance by modulating lipoxygenase expression, redox homeostasis and photosynthetic efficiency in <i>Arachis hypogaea</i> L. 13,	0
539	Frequency and spectrum of M2 mutants and genetic variability in cyto-agronomic characteristics of fenugreek induced by caffeine and sodium azide. 13,	0
538	<i>Artemisia baimaensis</i> allelopathy has a negative effect on the establishment of <i>Elymus nutans</i> artificial grassland in natural grassland. 2023 , 18,	0
537	Ameliorating the drought stress tolerance of a susceptible soybean cultivar, MAUS 2 through dual inoculation with selected rhizobia and AM fungus.	0
536	Alleviation of chilling stress by supplementation of brassinosteroid and silicon in <i>Solanum lycopersicum</i> L..	0

535	Integration of Transcriptome and Metabolome Provides Unique Insights to Pathways Associated with Wheat Immature Embryos Infected by <i>Agrobacterium tumefaciens</i> .	0
534	Explicating drought tolerance of wheat (<i>Triticum aestivum</i> L.) through stress tolerance matrix.	0
533	Phytomediated Selenium Nanoparticles Improved Physio-morphological, Antioxidant, and Oil Bioactive Compounds of Sesame under Induced Biotic Stress.	0
532	Physiological, Biochemical, and Epigenetic Reaction of Maize (<i>Zea mays</i> L.) to Cultivation in Conditions of Varying Soil Salinity and Foliar Application of Silicon. 2023 , 24, 1141	0
531	Physiological, Morphological and Biochemical Responses of Exogenous Hydrogen Sulfide in Salt-Stressed Tomato Seedlings. 2023 , 15, 1098	0
530	Selenium seed priming enhanced the growth of salt-stressed <i>Brassica rapa</i> L. through improving plant nutrition and the antioxidant system. 13,	0
529	Selenium Nanoparticles Improve Physiological and Phytochemical Properties of Basil (<i>Ocimum basilicum</i> L.) under Drought Stress Conditions. 2023 , 12, 164	1
528	Heat stress and recovery effects on the physiology and biochemistry of <i>Castanea sativa</i> Mill.. 5,	1
527	Phytoremediation potential of <i>Solanum viarum</i> Dunal and functional aspects of their capitate glandular trichomes in lead, cadmium, and zinc detoxification.	0
526	Growth, Phytochemicals, and Antioxidant Activity of Kale Grown under Different Nutrient-Solution Depths in Hydroponic. 2023 , 9, 53	0
525	Ibuprofen and Ketoprofen: Inert Drugs or Potential Environmental Hazard?. 2023 , 15, 1613	0
524	Chlorophyll fluorescence and antioxidants activity as influenced by zinc nutrition in wheat under late sown conditions.	0
523	Green synthesis of spermine coated iron nanoparticles and its effect on biochemical properties of <i>Rosmarinus officinalis</i> . 2023 , 13,	1
522	Assessment of Drought Stress Tolerance of <i>Mangifera indica</i> L. Autotetraploids. 2023 , 13, 277	0
521	Modulation of salt stress in paddy field cyanobacteria with exogenous application of gibberellic acid: growth behavior and antioxidative status.	0
520	<i>Hedypnois cretica</i> L. and <i>Urospermum picroides</i> L. Plant Growth, Nutrient Status and Quality Characteristics under Salinity Stress. 2023 , 9, 65	0
519	Exogenous α -Tocopherol Regulates the Growth and Metabolism of Eggplant (<i>Solanum melongena</i> L.) under Drought Stress. 2023 , 12, 237	0
518	Autochthonous strains of <i>Trichoderma</i> isolated from tannery solid waste improve phytoextraction potential of heavy metals by sunflower. 1-20	1

- 517 Transgressive Biochemical Response to Water Stress in Interspecific Eggplant Hybrids. **2023**, 12, 194 1
- 516 Salt induced modulations in morphological, physiological, and metabolic attributes in in-vitro grown shoots of *Withania somnifera* (L.) Dunal. o
- 515 Appraisal of *Abelmoschus esculentus* L. Response to Aluminum and Barium Stress. **2023**, 12, 179 o
- 514 Host- and virus-induced gene silencing of HOG1-MAPK cascade genes in *Rhizophagus irregularis* inhibit arbuscule development and reduce resistance of plants to drought stress. 1
- 513 Morpho-Physiological and Biochemical Responses of Field Pea Genotypes under Terminal Heat Stress. **2023**, 12, 256 o
- 512 Validating field regeneration capacity for selected accessions of *Gossypium hirsutum* using callus induction and regeneration capacity. o
- 511 Modifying Walk-In Tunnels through Solar Energy, Fogging, and Evaporative Cooling to Mitigate Heat Stress on Tomato. **2023**, 9, 77 o
- 510 Temporal physiological, transcriptomic and metabolomic analyses revealed molecular mechanism of *Canna indica*'s response to Cr stress. o
- 509 Effect of potassium on yield and some qualitative and physiological traits of safflower (*Carthamus tinctorius* L.) under drought stress conditions. 1-13 o
- 508 Soil application of effective microorganisms and nitrogen alleviates salt stress in hot pepper (*Capsicum annum* L.) plants. 13, o
- 507 Physical and Biochemical Changes Induced by Strigolactones on Calcareous Environments in Grapevine. o
- 506 Protective effects of chitosan based salicylic acid nanocomposite (CS-SA NCs) in grape (*Vitis vinifera* cv. Bultana) under salinity stress. **2023**, 13, o
- 505 Enzymatic and biochemical responses to high temperatures and drought stress during the reproductive stage in lentil (*Lens Culinaris* Medik.). o
- 504 PRpnp , a novel dual activity PNP family protein improves plant vigor and confers multiple stress tolerance in *Citrus aurantifolia*. o
- 503 Exo-polysaccharide producing bacteria can induce maize plant growth and soil health under saline conditions. 1-20 o
- 502 Effect of Recurrent Salt and Drought Stress Treatments on the Endangered Halophyte *Limonium angustibracteatum* Erben. **2023**, 12, 191 o
- 501 Potassium silicate reduces water consumption, improves drought tolerance, and enhances the productivity of sweet corn (*Zea mays*) under deficit irrigation. **2023**, 45, o
- 500 Effect of the hydroxycinnamic acids and their chitosan-based conjugates on the growth and biochemical parameters of microclone potato plants <i>in vitro&/i>. **2023**, 66, 605-613 o

499	Foliar application of silicon-based nanoparticles improve the adaptability of maize (<i>Zea mays</i> L.) in cadmium contaminated soils.	0
498	<i>Iris lactea</i> var. <i>chinensis</i> plant drought tolerance depends on the response of proline metabolism, transcription factors, transporters and the ROS-scavenging system. 2023 , 23,	1
497	Plant growth promoting bacteria mitigates salt stress during <i>Handroanthus impetiginosus</i> in vitro rooting.	0
496	Multi-omics approach reveals the contribution of OsSEH1 to rice cold tolerance. 13,	0
495	Responses to Salt Stress of the Interspecific Hybrid <i>Solanum insanum</i> × <i>Solanum melongena</i> and Its Parental Species. 2023 , 12, 295	1
494	Biostimulants alleviate water deficit stress and enhance essential oil productivity: a case study with savory. 2023 , 13,	0
493	Growth, Physiological, and Biochemical Responses of Ethiopian Red Pepper (<i>Capsicum annum</i> L.) Cultivars to Drought Stress. 2023 , 2023, 1-21	0
492	Early response of <i>Solanum nigrum</i> L. to Lumax and castor oil combination in relation to antioxidant activity, osmolyte concentration and chlorophyll a fluorescence. 2023 , 13,	0
491	Impact of wild solanaceae rootstocks on morphological and physiological response, yield, and fruit quality of tomato (<i>Solanum lycopersicum</i> L.) grown under deficit irrigation conditions. 2023 , 9, e12755	0
490	Potential of <i>Suaeda nudiflora</i> and <i>Suaeda fruticosa</i> to Adapt to High Salinity Conditions. 2023 , 9, 74	1
489	Seed nanoprimering with zinc oxide improves wheat growth and photosynthetic performance in wheat under drought stress.	1
488	Physiological and biochemical responses of <i>Isatis indigotica</i> to deficit irrigation in a cold and arid environment. 13,	0
487	Increasing the Salt Stress Tolerance of Some Tomato Cultivars under the Influence of Growth Regulators. 2023 , 12, 363	0
486	Effect of Zinc Excess in Substrate on Physiological Responses of <i>Sinapis alba</i> L.. 2023 , 12, 211	0
485	Effect of Moisture Stress on Physiological and Yield Responses of Common Bean Varieties at Lath House Condition, Hawassa University, Southern Ethiopia. 2023 , 2023, 1-15	0
484	Pyrroline-5-carboxylate dehydrogenase is an essential enzyme for proline dehydrogenase function during dark-induced senescence in <i>Arabidopsis thaliana</i> .	0
483	Zinc oxide nanoparticles as potential hallmarks for enhancing drought stress tolerance in wheat seedlings. 2023 ,	1
482	Reaction of Chickpea Genotypes to Salinity-Inhibiting Applications at Different Salt Stress Levels.	0

- 481 Exogenous Spermidine Alleviated Waterlogging Damages in Two Varieties of *Camellia oleifera*. **2023**, 14, 91 ○
- 480 Role of foliar spray of plant growth regulators in improving photosynthetic pigments and metabolites in *Plantago ovata* (Psyllium) under salt stressA field appraisal. **2023**, 47, 523-532 ○
- 479 Responses of individual and combined polystyrene and polymethyl methacrylate nanoplastics on hormonal content, fluorescence/photochemistry of chlorophylls and ROS scavenging capacity in *Lemna minor* under arsenic-induced oxidative stress. **2023**, ○
- 478 Impact of Bio-inoculation with Halotolerant Rhizobacteria on Growth, Physiological, and Hormonal Responses of Durum Wheat Under Salt Stress. ○
- 477 *Triticum aestivum*: antioxidant gene profiling and morpho-physiological studies under salt stress. ○
- 476 Polyploidization of *Trigonella foenum-graecum* L. enhances its phytotoxic activity against *Cyperus rotundus* L.. **2023**, 153, 336-345 ○
- 475 Effective utilization of waste plastics towards sustainable control of mosquito. **2023**, 386, 135826 ○
- 474 Exogenous brassinosteroid alleviates calcium deficiency induced tip-burn by regulating calcium transport in *Brassica rapa* L. ssp. *pekinensis*. **2023**, 251, 114534 ○
- 473 Health assessment of industrial ecosystems of Isfahan (Iran) using phytomonitoring: Chemometric, micromorphology, phytoremediation, air pollution tolerance and anticipated performance indices. **2023**, 48, 101394 1
- 472 Morphological, physiological and antioxidant response of *Stevia rebaudiana* under in vitro agar induced drought stress. **2023**, 11, 100495 ○
- 471 Physiological and transcriptome profiling analyses reveal important roles of *Streptomyces rochei* D74 in improving drought tolerance of *Puccinellia distans* (Jacq.) Parl. **2023**, 207, 105204 ○
- 470 Improvement in growth and physiochemical attributes of *Raphanus sativus* L. through exogenous application of 28-Homobrassinolide under nickel stress. **2023**, 311, 111791 ○
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- 468 Physiological characterization, antioxidant potential, and bacterial survival of soybean sprouts subjected to pre- and post-harvest low intensity ultrasound and exogenous ascorbic acid application. **2023**, 198, 112258 ○
- 467 Proactive attenuation of arsenic-stress by nano-priming: Zinc Oxide Nanoparticles in *Vigna mungo* (L.) Hepper trigger antioxidant defense response and reduce root-shoot arsenic translocation. **2023**, 446, 130735 ○
- 466 Allelopathic effects of the invasive species (*Prosopis juliflora*) on seedlings of two common arid plants: Does free proline play roles?. **2023**, 211, 104931 ○
- 465 Saline pisciculture effluent as an alternative for irrigation of *Croton blanchetianus* (Euphorbiaceae). **2023**, 27, 256-263 1
- 464 Usage of Waste Material as Floral Preservative Solutions for Cut Carnation cv. 'Baltico'. ○

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- 462 Overexpression of Mtr-miR319a Contributes to Leaf Curl and Salt Stress Adaptation in *Arabidopsis thaliana* and *Medicago truncatula*. **2023**, 24, 429 0
- 461 Integrated transcriptome and methylome analyses reveal the molecular regulation of drought stress in wild strawberry (*Fragaria nilgerrensis*). **2022**, 22, 0
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- 459 Effects of Salinity and Proline On Growth and Physiological Characteristics of Three Olive Cultivars. 0
- 458 Adaptation and Morphological State of Different Forms of Pine under Conditions of Constant Excessive Moisture in Soils of the Northern Taiga. **2022**, 15, 928-937 0
- 457 Responses of the tree peony (*Paeonia suffruticosa*, *Paeoniaceae*) cultivar 'Yu Hong' to heat stress revealed by iTRAQ-based quantitative proteomics. **2022**, 20, 0
- 456 Functional Characterization of the CpNAC1 Promoter and Gene from *Chimonanthus praecox* in *Arabidopsis*. **2023**, 24, 542 0
- 455 Evaluation of effect of the organic fertilizer prepared from *Azolla primaeva* and inoculation with *Rhizobium* bacteria in some growth characteristics of the vicia faba plant grown in gypsiferous soil. **2023**, 22, 73-80 0
- 454 *Azolla* (*Azolla pinnata*) Mitigated Water Stress and Enhanced Fruit Yield of Mango Plants (*Mangifera indica* L.) in Arid-degraded Soil. 0
- 453 State of antioxidant and osmoprotective systems in etiolated winter wheat seedlings of different cultivars due to their drought tolerance. **2022**, 109, 313-322 0
- 452 Strigolactone (GR24) Application Positively Regulates Photosynthetic Attributes, Stress-Related Metabolites and Antioxidant Enzymatic Activities of Ornamental Sunflower (*Helianthus annuus* cv. Vincent Choice) under Salinity Stress. **2023**, 13, 50 3
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- 448 Effects of desiccation rate and inhibition of protein synthesis and the violaxanthin cycle on the rewetting recovery of *Porella platyphylla*. **2022**, 125, 0
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- 446 Optimizing Antioxidant Activity and Phytochemical Properties of Peppermint (*Mentha piperita* L.) by Integrative Application of Biofertilizer and Stress-Modulating Nanoparticles under Drought Stress Conditions. **2023**, 12, 151 4

- 445 The arbuscular mycorrhizal symbiosis alleviating long-term salt stress through the modulation of nutrient elements, osmolytes, and antioxidant capacity in rosemary. ○
- 444 Integrated Transcriptomics and Functional Characterization Reveals that the Class Iii Peroxidase Gene Taprx-2a Regulates Drought Stress Tolerance in Transgenic Wheat. ○
- 443 Drought Stress Alters Photosynthetic and Carbohydrate-related Proteins in Leaves of Banana. ○
- 442 Bazı Yaglı Bitkilerin Domates (*L. esculentum* Mill.) Bitkisinde Lipid Peroksidasyon ve Antioksidatif Sistemlerine Etkileri. ○
- 441 Assessment of 1-Triacontanol treatment of sweet corn (*Zea mays* L. convar. *saccharata*) aimed at the improvement of salt tolerance based on a pot experiment. **2023**, 14, 1-12 ○
- 440 Photosynthetic characteristics of the invasive weed *Chromolaena odorata* and other co-occurring species in KwaZulu-Natal. ○
- 439 Triple-Zero Tillage and System Intensification lead to enhanced Productivity, Micronutrient Biofortification and Moisture-Stress Tolerance Ability in Chickpea in a Pearl millet-Chickpea Cropping System of Semi-arid Climate. ○
- 438 Physiological and Biochemical Responses of Commercial Strawberry Cultivars under Optimal and Drought Stress Conditions. **2023**, 12, 496 1
- 437 Lead tolerance of *Laguncularia racemosa* is associated to high proline accumulation and high antioxidant capacities. ○
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- 435 Rhizobium induced modulation of growth and photosynthetic efficiency of *Lens culinaris* Medik. grown on fly ash amended soil by antioxidants regulation. ○
- 434 Effects of arbuscular mycorrhizal fungi on plant growth and herbivore infestation depend on availability of soil water and nutrients. 14, ○
- 433 Cerium and samarium blocked antioxidant enzymes in wheat plants. ○
- 432 Pre-treatment for heat tolerance enhancement of the Indian almond (*Pithecellobium dulce*) seedlings using ascorbic acid and potassium chloride. **2023**, 50, 80-88 ○
- 431 Evaluation of Physio-Morphological and Biochemical Responses for Salt Tolerance in Wheat (*Triticum aestivum* L.) Cultivars. ○
- 430 The comparative effects of manganese nanoparticles and their counterparts (bulk and ionic) in *Artemisia annua* plants via seed priming and foliar application. 13, ○
- 429 Physiological and Biochemical Responses of Apple (*Malus domestica* Borkh.) to Biostimulants Application and Substrate Additives under Salinity Stress. **2023**, 13, 1290 ○
- 428 A Perspective Review on Understanding Drought Stress Tolerance in Wild Banana Genetic Resources of Northeast India. **2023**, 14, 370 ○

- 427 Integrated metabolomic and transcriptomic study unveils the gene regulatory mechanisms of sugarcane growth promotion during interaction with an endophytic nitrogen-fixing bacteria. **2023**, 23, ○
- 426 5-Aminolevulinic Acid Induces Chromium [Cr(VI)] Tolerance in Tomatoes by Alleviating Oxidative Damage and Protecting Photosystem II: A Mechanistic Approach. **2023**, 12, 502 ○
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- 424 *Paraburkholderia* sp. GD17 improves tomato plant growth and resistance to *Botrytis cinerea*-induced disease. ○
- 423 Stress response under some selected herbicides and heavy metal ions over different strains of cyanobacteria. **2023**, ○
- 422 Ascorbic and Salicylic Acids Vitalized Growth, Biochemical Responses, Antioxidant Enzymes, Photosynthetic Efficiency, and Ionic Regulation to Alleviate Salinity Stress in *Sorghum bicolor*. ○
- 421 Biofilm formation and flocculation potential analysis of halotolerant *Bacillus tequilensis* and its inoculation in soil to mitigate salinity stress of chickpea. ○
- 420 Host Plant Regulates Growth Processes, Ion Homeostasis, and Salinity Tolerance of Sandalwood (*Santalum album* L.). ○
- 419 Microstructural and metabolic variations induced by *Bipolaris oryzae* inciting brown spot disease of rice. ○
- 418 Drought alleviation efficacy of a galactose rich polysaccharide isolated from endophytic *Mucor* sp. HELF2: A case study on rice plant. 13, ○
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- 416 Salicylic Acid Application Mitigates Oxidative Damage and Improves the Growth Performance of Barley under Drought Stress. **2023**, 1-25 ○
- 415 Sodium Nitroprusside Improves Bamboo Resistance under Mn and Cr Toxicity with Stimulation of Antioxidants Activity, Relative Water Content, and Metal Translocation and Accumulation. **2023**, 24, 1942 ○
- 414 Effects of Plant Growth-Promoting Rhizobacteria on the Physioecological Characteristics and Growth of Walnut Seedlings under Drought Stress. **2023**, 13, 290 ○
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- 412 The impact of two *Diaporthe* species on *Vaccinium corymbosum* physiological performance under different water availability scenarios. 1
- 411 Mitigation of water scarcity with sustained growth of Rice by plant growth promoting bacteria. 14, ○
- 410 Potassium Phosphite Induces Tolerance to Water Deficit Combined with High Irradiance in Soybean Plants. **2023**, 13, 382 ○

- 409 NaCl-induced flavonoid biosynthesis and oxidative stress responses in suspension cells of *Haplophyllum virgatum* var. *virgatum*. ○
- 408 Modulation of NaCl-induced osmotic, cytogenetic, oxidative and anatomic damages by coronatine treatment in onion (*Allium cepa* L.). **2023**, 13, ○
- 407 *Ziziphus spina-christi* extract-stabilized novel silver nanoparticle synthesis for combating *Fusarium oxysporum*-causing pepper wilt disease: in vitro and in vivo studies. **2023**, 205, 1
- 406 Effect of Copper (Cu) Induced Toxicity on Growth and Yield of *Cichorium intybus* L. and its Soil Remediation Potential. ○
- 405 Evaluation of Selenium Nanoparticles in Inducing Disease Resistance against Spot Blotch Disease and Promoting Growth in Wheat under Biotic Stress. **2023**, 12, 761 1
- 404 Seed Priming and Foliar Application with Ascorbic Acid and Salicylic Acid Mitigate Salt Stress in Wheat. **2023**, 13, 493 ○
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- 402 Effects of sodic water irrigation on growth, physiological relations and ion uptake in two *Ziziphus* rootstocks. **2018**, 88, 1413-1418 1
- 401 Effect of Cadmium Stress on Morphophysiological Traits of Rice Seedlings. **2021**, 13, 11-21 ○
- 400 Comparison between of Photosynthetic Pigments, Osmotic Regulators and Antioxidant Enzymes of Nimroz and Nomar Barley Cultivars of Sistan Region under Drought Stress. **2021**, 13, 51-62 ○
- 399 Evaluation of Proline Amount, Yield and Expression of Genes Involved in Drought Stress in Maize Cultivars. **2022**, 14, 56-64 ○
- 398 Effect of Salinity Stress on Chickpea (*Cicer arietinum* L.) Genotypes in Seedling Stage under Hydroponic Conditions. **2022**, 14, 18-32 ○
- 397 Overexpression of the Glutathione S-Transferase ATGSTF11 Gene Improves Growth and Abiotic Stress Tolerance of Tobacco Transgenic Plants. **2022**, 69, ○
- 396 Antioxidant expression in peanut (*Arachis hypogaea* L. cv. CNC1) under drought condition. **2022**, 51, ○
- 395 Potassium-Nitrogen Ratio Improved Cotton Yield by Regulating Antioxidant Metabolism Under a New Cropping Model for the Yangtze River Valley of China. ○
- 394 Abiotic Stress at the Early Grain Filling Stage Affects Aromatics, Grain Quality and Grain Yield in Thai Fragrant Rice (*Oryza sativa*) Cultivars. ○
- 393 Assessment of Eight Faba Bean (*Vicia faba* L.) Cultivars for Drought Stress Tolerance through Molecular, Morphological, and Physiochemical Parameters. **2023**, 15, 3291 ○
- 392 Foliar Application of Oil Palm Wood Vinegar Enhances *Pandanus amaryllifolius* Tolerance under Drought Stress. **2023**, 12, 785 ○

- 391 Responses of Niger [*Guizotia abyssinica* (L.f.) Cass.] to cadmium and nickel stress. o
- 390 Rhizobacteria facilitate physiological and biochemical drought tolerance of *Halimodendron halodendron* (Pall.) Voss. **2023**, 15, 205-217 o
- 389 Salinity tolerance screening in Iranian and Afghan melons (*Cucumis melon*) based on several associated morphological and physiological traits. o
- 388 Nitric oxide and brassinosteroids enhance chromium stress tolerance in *Glycine max* L. (Merr.) by modulating antioxidative defense and glyoxalase systems. o
- 387 Exogenous Melatonin Application Induced Morpho-Physiological and Biochemical Regulations Conferring Salt Tolerance in *Ranunculus asiaticus* L.. **2023**, 9, 228 1
- 386 Genome-Wide Identification, Characterization and Expression Profiling of Potato (*Solanum tuberosum*) Frataxin (FH) Gene. **2023**, 14, 468 o
- 385 Enhancing Rosemary (*Rosmarinus officinalis*, L.) Growth and Volatile Oil Constituents Grown under Soil Salinity Stress by Some Amino Acids. **2023**, 9, 252 o
- 384 Regulatory Role of Silicon on Growth, Potassium Uptake, Ionic Homeostasis, Proline Accumulation, and Antioxidant Capacity of Soybean Plants Under Salt Stress. o
- 383 Enhancement of Salinity Stress Tolerance in Lettuce (*Lactuca sativa* L.) via Foliar Application of Nitric Oxide. **2023**, 12, 1115 o
- 382 Deciphering trait associated morpho-physiological responses in pearl millet hybrids and inbred lines under salt stress. 14, o
- 381 Interpretation of morpho-physiological and biochemical responses of winter wheat under different sodium chloride concentrations. o
- 380 Phytochemical Characterization and Antifungal Efficacy of Camphor (*Cinnamomum camphora* L.) Extract against Phytopathogenic Fungi. **2023**, 10, 189 o
- 379 Chitosan fabricated biogenic silver nanoparticles (Ch@BSNP) protectively modulate the defense mechanism of tomato during bacterial leaf spot (BLS) disease. **2023**, 197, 107637 o
- 378 Seed Priming with the Selenium Nanoparticles Maintains the Redox Status in the Water Stressed Tomato Plants by Modulating the Antioxidant Defense Enzymes. **2023**, 12, 1556 o
- 377 Salicylic Acid Application Improves Photosynthetic Performance and Biochemical Responses to Mitigate Saline Stress in Cotton. o
- 376 Some physio-biochemical traits of sunflower (*Helianthus annuus* L.) as affected by arbuscular mycorrhizal fungi inoculation under different irrigation treatments. **2023**, 18, o
- 375 Influence of Thermotolerant Rhizobacteria *Bacillus* spp. on Biochemical Attributes and Antioxidant Status of Mustard Under High Temperature Stress. **2023**, 80, o
- 374 Induction of Cell Protective Reactions of *Triticum aestivum* and *Secale cereale* to the Effect of High Temperatures by Melatonin. **2023**, 57, 117-127 o

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- 372 Melatonin Application at Different Doses Changes the Physiological Responses in Favor of Cabbage Seedlings (*Brassica oleracea* var. *capitata*) Against Flooding Stress. ○
- 371 Exogenous application of selenium and nano-selenium alleviates salt stress and improves secondary metabolites in lemon verbena under salinity stress. **2023**, 13, ○
- 370 Reuse of treated urban wastewater on the growth and physiology of *Medicago sativa* L. cv. Gea and *Petroselinum crispum* L. cv. Commun: correlation with oxydative stress and DNA damage. ○
- 369 Screening and selection of *Anabaena* spp. for desiccation tolerance through physiological parameters and multivariate analysis. ○
- 368 Insights on the Impact of Arbuscular Mycorrhizal Symbiosis on *Eucalyptus grandis* Tolerance to Drought Stress. **2023**, 11, ○
- 367 Effect of deficit irrigation on physiological, biochemical, and yield characteristics in three baby corn cultivars (*Zea mays* L.). **2023**, e15477 ○
- 366 Rhizobial symbiosis promotes drought tolerance in *Vicia sativa* and *Pisum sativum*. **2023**, 208, 105268 1
- 365 The wheat Mitogen Activated Protein Kinase TMPK3 plays a positive role in salt and osmotic stress response. **2023**, 45, ○
- 364 Seed treatments with salicylic and succinic acid to mitigate drought stress in flowering kale cv. 'Red Pigeon F1'. **2023**, 313, 111939 ○
- 363 Macronutrient-rich biochar induces boron nanoparticles in improving the salt tolerance of pomegranate (*Punica granatum* L.) in arid degraded soils. **2023**, 313, 111908 ○
- 362 Salt ions mediated changes in biochemical and anatomical characteristics of *Brassica napus* can be countered with Moringa Leaf extract. **2023**, 156, 352-364 ○
- 361 *Bacillus mycoides* PM35 in combination with titanium dioxide (TiO₂) nanoparticles enhanced morpho-physio-biochemical attributes in Barley (*Hordeum vulgare* L.) under cadmium stress. **2023**, 323, 138224 ○
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- 359 Biochemical responses in Kent mango grown in Brazilian semi-arid region under different doses of triacontanol. **2023**, 27, 309-316 ○
- 358 Bioaccumulation of selenium in halotolerant microalga *Dunaliella salina* and its impact on photosynthesis, reactive oxygen species, antioxidative enzymes, and neutral lipids. **2023**, 190, 114842 ○
- 357 Stress-buster *Enterobacter* sp. alleviates salinity stress in *Cajanus cajan* together with impacting its rhizospheric microbiome. **2023**, 156, 202-212 ○
- 356 Effects of different tillage on morpho-physiological traits of dryland chickpea (*Cicer arietinum* L.). **2023**, 229, 105660 ○

- 355 Clean application of pistachio residues-based vermicompost with β -aminobutyric acid can alleviate the negative effects of high soil pH on P uptake in saffron (*Crocus sativus* L.). **2023**, 195, 116443 ○
- 354 Can tea pruning litter biochar be a friend or foe for tea (*Camellia sinensis* L.) plants' growth and growth regulators?: Feasible or fumes of fancy. **2023**, 195, 116394 ○
- 353 Impacts of polyethylene microplastics on the microalga, *Spirulina* (*Arthrospira platensis*). **2023**, 327, 121611 ○
- 352 Co-application of organic amendments and Cd-tolerant rhizobacteria for suppression of cadmium uptake and regulation of antioxidants in tomato. **2023**, 327, 138478 ○
- 351 Salicylic acid and trehalose attenuate salt toxicity in *Brassica juncea* L. by activating the stress defense mechanism. **2023**, 326, 121467 ○
- 350 Insight into chilling stress response of key citrus grafting combinations grown in Egypt. **2023**, 8, 100155 ○
- 349 Exogenous application of glutathione and gamma amino-butyric acid alleviates salt stress through improvement in antioxidative defense system and modulation of CaXTHs stress-related genes. **2023**, 157, 266-273 ○
- 348 Aquaculture sediments amended with biochar improved soil health and plant growth in a degraded soil. **2023**, 191, 114899 ○
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- 346 Expression of TaNCL2-A ameliorates cadmium toxicity by increasing calcium and enzymatic antioxidants activities in arabidopsis. **2023**, 329, 138636 ○
- 345 Effect of salinity and alkalinity on responses of halophytic grasses *Sporobolus marginatus* and *Urochondra setulosa*. **2018**, 88, 1296-1304 ○
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- 342 UV-A Radiation Stimulates Tolerance against *Fusarium oxysporum* f. sp. *lycopersici* in Tomato Plants. **2023**, 9, 499 ○
- 341 Enhancement of disease resistance, growth potential, and biochemical markers in maize plants by inoculation with plant growth-promoting bacteria under biotic stress. ○
- 340 Seed Priming with Triacontanol Alleviates Lead Stress in *Phaseolus vulgaris* L. (Common Bean) through Improving Nutritional Orchestration and Morpho-Physiological Characteristics. **2023**, 12, 1672 ○
- 339 Development of Zn biofertilizer microbeads encapsulating *Enterobacter ludwigii*-PS10 mediated alginate, starch, poultry waste and its efficacy in *Solanum lycopersicum* growth enhancement. **2023**, 240, 124381 ○
- 338 Improving drought tolerance and glycyrrhizin content of licorice plant by EPS-producing cyanobacteria. **2023**, 197, 116578 ○

- 337 Iron oxide (Fe₂O₃) nanoparticles alleviate PEG-simulated drought stress in grape (*Vitis vinifera* L.) plants by regulating leaf antioxidants. **2023**, 312, 111847 ○
- 336 Unravelling the mechanism of Fusarium wilt resistance in chickpea seedlings using biochemical studies and expression analysis of NBS-LRR and WRKY genes. **2023**, 124, 101958 1
- 335 Individual and combined effects of heat and drought and subsequent recovery on winter wheat (*Triticum aestivum* L.) photosynthesis, nitrogen metabolism, cell osmoregulation, and yield formation. **2023**, 196, 222-235 ○
- 334 Assessment of cumulative microbial respiration and their ameliorative role in sustaining maize growth under salt stress. **2023**, 196, 33-42 ○
- 333 Ozone exposure response on physiological and biochemical parameters vis-a-vis secondary metabolites in a traditional medicinal plant *Sida cordifolia* L.. **2023**, 194, 116267 ○
- 332 Synergistic use of biochar and the plant growth-promoting rhizobacteria in mitigating drought stress on oak (*Quercus brantii* Lindl.) seedlings. **2023**, 531, 120793 ○
- 331 Effect of Short-Term and Long-Term UV-B Radiation on PSII Activity and Antioxidant Enzymes in *Cucurbita pepo* L. Leaves. **2022**, 49, S86-S101 ○
- 330 Morpho-biochemical Responses and Disturbed Redox Homeostasis in Barley Under Benzyl-butyl Phthalate Stress. **2023**, 110, ○
- 329 Combining Level of Watering and Soil pH to obtain high concentration of Essential Oil in Vetiver (*Chrysopogon zizanioides* L. Nash). **2023**, 2421, 012023 ○
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- 325 Exogenous Application of Salicylic Acid Improves Physiological and Biochemical Attributes of *Morus alba* Saplings under Soil Water Deficit. **2023**, 14, 236 ○
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- 322 Biochemical and Histopathological Changes in Chilli Pepper (*Capsicum Annuum* L.) in Response to Sudden Wilt Syndrome Caused by Waterlogging-Induced Hypoxia Coupled with Fusarium Oxysporum. ○
- 321 Genome-wide association analysis for drought tolerance and associated traits in faba bean (*Vicia faba* L.). 14, ○
- 320 Effect of Radionuclides and Trace Elements on Antioxidant System of Brown Seaweeds. **2023**, 110, ○

- 319 Peptide Transporter OsNPF8.1 Contributes to Sustainable Growth under Salt and Drought Stresses, and Grain Yield under Nitrogen Deficiency in Rice. **2023**, 30, 113-126 o
- 318 Photosynthetic activity and metabolic profiling of bread wheat cultivars contrasting in drought tolerance. 14, o
- 317 Physiological changes of sweet pepper under low irrigation regimes applied in three phenological stages of vegetative growth, reproductive growth, and fruit set. 1-23 o
- 316 Impact of Piriformospora indica on various characteristics of tomatoes during nickel nitrate stress under aeroponic and greenhouse conditions. 13, o
- 315 Investigation of the combined effects of cadmium chloride, silver nitrate, lead nitrate, methyl jasmonate, and salicylic acid on morphometric and biochemical characteristics of St. John's wort. **2023**, 29, 173-184 o
- 314 Vinblastine synthesis under the influence of CaCl₂ elicitation in embryogenic cell suspension culture of Catharanthus roseus. **2023**, 154, 319-329 1
- 313 Steam-mediated foliar application of catechol and plant growth regulators enhances the growth attributes, photosynthesis, and essential oil production of lemongrass [Cymbopogon flexuosus (Steud.) Wats]. **2023**, 48, 102638 o
- 312 Coupling wastewater treatment, biomass, lipids, and biodiesel production of some green microalgae. **2023**, 30, 35492-35504 o
- 311 Foliar salicylic acid application to mitigate the effect of water deficiency on potato (Solanum tuberosum L.). **2023**, 7, 100135 o
- 310 First Report: Evaluation of Drought Tolerance of Pomegranate Rootstocks Based on Phytochemical Parameters. **2023**, 65, 389-396 o
- 309 Allopathic potential of essential oil extracts on weeds germination and seedlings growth in sustainable agriculture: the phytochemical study of Tunisia's two Melaleuca species. o
- 308 Phytoremediation of dinitrophenol from wastewater by atriplex lentiformis: effect of salicylic acid. 1-9 o
- 307 Alleviation of cold stress in wheat with psychrotrophic phosphorus solubilizing Acinetobacter rhizosphaerae EU-KL44. **2023**, 54, 371-383 o
- 306 Application of Potassium Humate and Salicylic Acid to Mitigate Salinity Stress of Common Bean. **2023**, 13, 448 1
- 305 Arbuscular Mycorrhizal Symbiosis Improves Ex Vitro Acclimatization of Sugarcane Plantlets (Saccharum spp.) under Drought Stress Conditions. **2023**, 12, 687 o
- 304 B-type response regulator hst1 controls salinity tolerance in rice by regulating transcription factors and antioxidant mechanisms. **2023**, 196, 542-555 o
- 303 Antifungal activity of green synthesized selenium nanoparticles and their effect on physiological, biochemical, and antioxidant defense system of mango under mango malformation disease. **2023**, 18, e0274679 3
- 302 Palliating Salt Stress in Mustard through Plant-Growth-Promoting Rhizobacteria: Regulation of Secondary Metabolites, Osmolytes, Antioxidative Enzymes and Stress Ethylene. **2023**, 12, 705 o

- 301 Exogenously applied melatonin enhanced the tolerance of *Brassica napus* against cobalt toxicity by modulating antioxidant defense, osmotic adjustment, and expression of stress response genes. **2023**, 252, 114624 1
- 300 Transcriptomic, osmoregulatory and translocation changes modulates Ni toxicity in *Theobroma cacao*. **2023**, 196, 624-633 0
- 299 Growth Stage-, Organ- and Time-Dependent Salt Tolerance of Halophyte *Tripolium pannonicum* (Jacq.) Dobrocz.. **2023**, 13, 462 1
- 298 The ecophysiological responses of *Copernicia prunifera* palm trees to soil constraints and competition with invasive *Cryptostegia madagascariensis* in tropical dryland. **2023**, 45, 0
- 297 Effect of terminal heat stress on osmolyte accumulation and gene expression during grain filling in bread wheat (*Triticum aestivum* L.). 0
- 296 Water stress response on morpho-physiology, biochemical parameters and yield of four different rice cultivars of Manipur. 0
- 295 Potential of desiccation-tolerant plant growth-promoting rhizobacteria in growth augmentation of wheat (*Triticum aestivum* L.) under drought stress. 14, 0
- 294 Physio-Chemical Properties Responses of Six Fonio Genotypes (*Digitaria exilis* and *D. iburua*) Subjected to Drought Stress Conditions. **2023**, 7, 22-32 0
- 293 Silicon improves seed germination and seedling growth and alleviates salt stress in *Medicago sativa* L. by regulating seed reserve mobilization and antioxidant system defense. 0
- 292 Alleviation of the adverse effects of NaCl stress on tomato seedlings (*Solanum lycopersicum* L.) by *Trichoderma viride* through the antioxidative defense system. **2023**, 64, 0
- 291 Effect of exogenous taurine on pea (*Pisum sativum* L.) plants under salinity and iron deficiency stress. **2023**, 223, 115448 0
- 290 Physiological and transcriptome analysis of response of soybean (*Glycine max*) to cadmium stress under elevated CO₂ concentration. **2023**, 448, 130950 0
- 289 *Spirulina platensis*-Inoculated Humified Compost Boosts Rhizosphere Soil Hydro-Physico-Chemical Properties and *Atriplex nummularia* Forage Yield and Quality in an Arid Saline Calcareous Soil. 0
- 288 Micromorphological and Physiological Responses of Two Contrasting Centipedegrass (*Eremochloa ophiuroides* (Munro) Hack.) Genotypes in Response to Aluminum Toxicity. 0
- 287 Influence of chitosan-stabilized silver nanoparticles on the physiological and biochemical state of potato plants (<i>Solanum tuberosum</i> L.) <i>in vitro</i> culture. **2023**, 68, 15-26 0
- 286 Trans-Zeatin induced regulation of the biosynthesis of 2-acetyl-1-pyrroline in fragrant rice (*Oryza sativa* L.) seedlings. **2023**, 23, 0
- 285 Effects of Waterlogging Stress on the Neighboring Relationships between *Cleistocalyx operculatus* (Roxb.) Merr. and *Dalbergia odorifera* T. Chen Saplings. **2023**, 14, 377 0
- 284 Cloning and expression of tonoplast membrane intrinsic protein genes in leaves of *Vitis heyneana* and overexpression of *VhTIP2;1* in *Arabidopsis* confer drought tolerance. **2023**, 45, 0

283	Comparative Study of Cis- and Trans-Priming Effect of PEG and BABA in Cowpea Seedlings on Exposure to PEG-Induced Osmotic Stress. 2023 , 2, 85-100	0
282	Magnetic Treatment of Irrigation Water and Seeds and Its Effect on the Productivity and Quality of Wheat (<i>Triticum aestivum</i> L.) Grown in Saline Soil. 1-18	0
281	Circadian Clock Contributes to Modulate Salinity Stress-Responsive Antioxidative Mechanisms and Chloroplast Proteome in <i>Spinacia oleracea</i> . 2023 , 13, 429	0
280	Effect of cadmium and lead interaction on some enzymes activity of two varieties of wheat grown in hydroponics. 2023 ,	0
279	CuO Nanoparticle-Mediated Seed Priming Improves Physio-Biochemical and Enzymatic Activities of <i>Brassica juncea</i> . 2023 , 12, 803	0
278	CBL-Interacting Protein Kinases 18 (CIPK18) Gene Positively Regulates Drought Resistance in Potato. 2023 , 24, 3613	0
277	Essential Oils and Biological Activities of <i>Eucalyptus falcata</i> , <i>E. sideroxylon</i> and <i>E. citriodora</i> Growing in Tunisia. 2023 , 12, 816	0
276	Effects of Auxin-Type Plant Growth Regulators and Cold Stress on the Endogenous Polyamines in Pea Plants. 2023 , 9, 244	0
275	Water Deficit Stress Mitigation by the Foliar Spraying of Salicylic Acid and Proline on the Volatile Oils and Growth Features of Hyssop (<i>Hyssopus officinalis</i> L.). 2023 , 26, 115-129	0
274	Biomining <i>Sesuvium portulacastrum</i> for halotolerant PGPR and endophytes for promotion of salt tolerance in <i>Vigna mungo</i> L.. 14,	0
273	Metabolic imprint induced by seed halo-priming promotes a differential physiological performance in two contrasting quinoa ecotypes. 13,	0
272	Impact of water deficit (salt and drought) stress on physiological, biochemical and yield attributes on wheat (<i>Triticum aestivum</i>) varieties. 2018 , 88, 1624-1632	2
271	Application of Plant Growth-Promoting Bacteria from Cape Verde to Increase Maize Tolerance to Salinity. 2023 , 12, 488	0
270	Comparative transcriptomic analysis and functional characterization reveals that the class III peroxidase gene TaPRX-2A regulates drought stress tolerance in transgenic wheat. 14,	0
269	Improving physiological and biochemical responses of dryland canola by selenium foliar application and supplemental irrigation. 2023 , 45,	0
268	Physiological, biochemical and molecular responses of finger millet (<i>Eleusine coracana</i>) genotypes exposed to short-term drought stress induced by PEG-6000. 2023 , 155, 45-59	0
267	Zat12 Gene Ameliorates Temperature Stress in Wheat Transgenics by Modulating the Antioxidant Defense System. 2023 , 3, 316-330	0
266	Different vegetal protein hydrolysates distinctively alleviate salinity stress in vegetable crops: A case study on tomato and lettuce. 14,	1

- 265 Polyethylene Glycol and Sorbitol-Mediated In Vitro Screening for Drought Stress as an Efficient and Rapid Tool to Reach the Tolerant *Cucumis melo* L. Genotypes. **2023**, 12, 870 ○
- 264 Response to Drought Stress of In Vitro and In Vivo Propagated *Physalis peruviana* L. Plants Inoculated with Arbuscular Mycorrhizal Fungi. **2023**, 13, 472 ○
- 263 Halotolerant Nodule Rhizobial and Passenger Endophytes Alleviates Salinity Stress in Groundnut (*Arachis hypogaea* L.). ○
- 262 Comprehensive evaluation, analysis of mechanisms and the prediction of salinity tolerance in pomegranate. **2023**, 313, 111918 ○
- 261 Endogenous Food-Borne Sugar Beet Molasses Carbon Dots for Alleviating the Drought and Salt Stress in Tobacco Plant. ○
- 260 Silicon nanoparticles (SiNPs) restore photosynthesis and essential oil content by upgrading enzymatic antioxidant metabolism in lemongrass (*Cymbopogon flexuosus*) under salt stress. 14, 1 ○
- 259 Melatonin mitigates cold-induced damage to pepper seedlings by promoting redox homeostasis and regulating antioxidant profiling. **2023**, ○
- 258 Contribution of *Serendipita indica* on growth improvement, antioxidative capacity of *Dracocephalum kotschy*, and its resistance against cadmium stress. ○
- 257 Salinity stress improves antioxidant potential by modulating physio-biochemical responses in *Moringa oleifera* Lam.. **2023**, 13, 3 ○
- 256 Chitosan-based Schiff base-metal (Fe, Cu, and Zn) complexes mitigate the negative consequences of drought stress on pomegranate fruits. **2023**, 196, 952-964 ○
- 255 Synergistic Impact of Melatonin and Putrescine Interaction in Mitigating Salinity Stress in Snap Bean Seedlings: Reduction of Oxidative Damage and Inhibition of Polyamine Catabolism. **2023**, 9, 285 ○
- 254 Overexpression of TgERF1, a Transcription Factor from *Tectona grandis*, Increases Tolerance to Drought and Salt Stress in Tobacco. **2023**, 24, 4149 ○
- 253 Elucidating the role of key physio-biochemical traits and molecular network conferring heat stress tolerance in cucumber. 14, ○
- 252 Genome-wide identification of the fibrillin gene family in chickpea (*Cicer arietinum* L.) and its response to drought stress. **2023**, 234, 123757 ○
- 251 Interactive effects of melatonin and salicylic acid on *Brassica napus* under drought condition. ○
- 250 Glutathione primed seed improved lead-stress tolerance in *Brassica rapa* L. through modulation of physio-biochemical attributes and nutrient uptake. 1-11 ○
- 249 In vitro physio and biochemical characterization of salt tolerance in rice (*Oryza sativa* L.) genotypes. ○
- 248 Maize grain nutritional quality amelioration with seed-applied thiamine and indole-3-acetic acid under arsenic toxicity. ○

- 247 Drought-induced recruitment of specific root-associated bacteria enhances adaptation of alfalfa to drought stress. 14, 0
- 246 Differentiation of advanced generation mutant wheat lines: Conventional techniques versus Raman spectroscopy. 14, 0
- 245 Role of PGPR and silver nanoparticles on the physiology of *Momordica charantia* L. irrigated with polluted water comprising high Fe and Mn. 1-13 0
- 244 Response of *Vicia faba* to short-term uranium exposure: chelating and antioxidant system changes in roots. 0
- 243 Exogenous Salicylic Acid Improves Growth and Physiological Status of Two *Pistacia* Species Under Salinity Stress. 0
- 242 Exogenous Application of Calcium Ameliorates Salinity Stress Tolerance of Tomato (*Solanum lycopersicum* L.) and Enhances Fruit Quality. **2023**, 12, 558 0
- 241 Seismic stress-mediated improvements in morphometry, foliar anatomy and biochemistry of in vitro grown plants of *Gardenia jasminoides* J. Ellis. 1-13 0
- 240 Desert endophytic fungi improve reproductive, morphological, biochemical, yield and fruit quality characteristics of tomato under drought stress. 0
- 239 Biosynthesized Zinc Oxide Nanoparticles as a Novel Nanofertilizer Influence Growth, Yield, Antioxidant Enzymes, and Arsenic Accumulation in Mungbean (*Vigna radiata* L.) Under Arsenic Stress. 0
- 238 Exogenous Application of Indol-3-Acetic Acid and Salicylic Acid Improves Tolerance to Salt Stress in Olive Plantlets (*Olea europaea* L. Cultivar Picual) in Growth Chamber Environments. **2023**, 13, 647 0
- 237 Sugarcane Response and Its Related Gene Expression under Water Stress Condition. 0
- 236 Exploring the nano-fungicidal efficacy of green synthesized magnesium oxide nanoparticles (MgO NPs) on the development, physiology, and infection of carrot (*Daucus carota* L.) with *Alternaria* leaf blight (ALB): Molecular docking. **2023**, 0
- 235 Effects of foliar application of abscisic acid on antioxidant content, phytohormones in strawberry shoots, and translocation of various heavy metals. **2023**, 314, 111943 0
- 234 Use of Multivariate Analysis in Screening for Drought Tolerance in Ornamental Asteraceae Species. **2023**, 13, 687 0
- 233 Comparison of the salt resistance of *Solanum lycopersicum* x *Solanum chilense* hybrids and their parents. 2, 0
- 232 Castor Plant Adaptation to Salinity Stress during Early Seedling Stage by Physiological and Transcriptomic Methods. **2023**, 13, 693 1
- 231 Ascorbate Attenuates Damages Caused by Paraquat-Induced Oxidative Stress in Fenugreek (*Trigonella foenum-graecum* L.) Seedlings. **2023**, 23, 1185-1199 0
- 230 The effect of foliar application of amino acids on some nutritional properties, antioxidant capacity and some other physiologic parameters of African marigold (*Tagetes erecta* L.), Taishan Yellow and Orange **2023**, 22, 107-124 0

- 229 Performance reaction and biochemical properties of black cumin under the influence of different regimes of nitrogen, menthol and drought stress. **2023**, 71, 15-33 ○
- 228 The Promotive Effect of Putrescine on Growth, Biochemical Constituents, and Yield of Wheat (*Triticum aestivum* L.) Plants under Water Stress. **2023**, 13, 587 ○
- 227 Comparative analysis of physiological responses to environmental stress in *Hedysarum scoparium* and *Caragana korshinskii* seedlings due to roots exposure. 11, e14905 ○
- 226 Potential impacts of *Ascophyllum nodosum*, *Arthrospira platensis* extracts and calcium phosphite as therapeutic nutrients for enhancing immune response in pepper plant against *Fusarium* wilt disease. ○
- 225 Mitigation Effects of Proline and Glycine Betaine to Green Onion Under Flooding Stress. ○
- 224 Seaweed Extract Biostimulants Differentially act in Mitigating Drought Stress on Faba Bean (*Vicia faba* L.). ○
- 223 *Burkholderia cepacia* CS8 improves phytoremediation potential of *Calendula officinalis* for tannery solid waste polluted soil. 1-13 ○
- 222 Morphologically and genetically diverse forage pea (*Pisum sativum* var. *arvense* L.) genotypes under single and combined salt and drought stresses. **2023**, 196, 880-892 ○
- 221 Effects of Exogenously Applied Copper in Tomato Plants on Oxidative and Nitrogen Metabolisms under Organic Farming Conditions. **2023**, 9, 323 ○
- 220 Physiological, Morphological, and Biochemical Responses of Soybean [*Glycine max* (L.) Merr.] to Loquat (*Eriobotrya japonica* Lindl.) Leaf Extract Application on Pb-Contaminated Soil. **2023**, 15, 4352 ○
- 219 An in Vitro Approach to Investigate the Role of Absciscic Acid in Alleviating the Negative Effects of Chilling Stress on Banana Shoots. **2023**, 92, 1695-1711 ○
- 218 Biostimulant Activity of Silicate Compounds and Antagonistic Bacteria on Physiological Growth Enhancement and Resistance of Banana to *Fusarium* Wilt Disease. **2023**, 12, 1124 ○
- 217 The Interactive Effects of Silicon and Arbuscular Mycorrhizal Fungi on Growth, Physio-biochemical Traits, and Cob Yield of Baby Corn Plants under Salt Stress. ○
- 216 Exogenous Melatonin Enhances the Yield and Secondary Metabolite Contents of *Prunella vulgaris* by Modulating Antioxidant System, Root Architecture and Photosynthetic Capacity. **2023**, 12, 1129 ○
- 215 In vitro simulation of drought stress in some Iranian Damask rose landraces. **2023**, 50, 45-60 ○
- 214 Plant growth regulators mediated mitigation of salt-induced toxicities in mustard (*Brassica juncea* L.) by modifying the inherent defense system. **2023**, 196, 1002-1018 ○
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- 210 Evaluation of antioxidative responses and salt tolerance of Damask rose under in vitro culture. **2023**, 197-202 ○
- 209 Evaluation of Morphophysiological Characteristics, Nutrient Accumulation and Fatty Acid Profile of Hemp (*Cannabis sativa* L.) Under Different Salinity Levels. ○
- 208 Silicon modulate the non-enzymatic antioxidant defence system and oxidative stress in a similar way as boron in boron-deficient cotton flowers. **2023**, 197, 107594 ○
- 207 The Effect of Growth Regulators on Biochemical Properties, Yield, and Fiber Quality of Different Cultivars of cotton (*Gossypium Hirsutum*) Under Different Irrigation Intervals. ○
- 206 Strigolactone-Mediated Oxidative Stress Alleviation in *Brassica rapa* Through Upregulating Antioxidant System Under Water Deficit Conditions. ○
- 205 Trehalose and NO work together to alleviate Cd toxicity in pepper (*Capsicum annuum* L.) plants by regulating cadmium sequestration and distribution within cells and the antioxidant defense system. **2023**, 314, 111948 ○
- 204 Proline metabolism as a mechanism for the energy dissipation in VaP5CSF129A transgenic tobacco plants under water deficit. **2023**, 283, 153964 ○
- 203 Drought-tolerance of transgenic winter wheat with partial suppression of the proline dehydrogenase gene. **2022**, 13, 385-392 ○
- 202 Non-negligible Effect of Native Rhizobacteria on Cooperation with Plant Growth Regulators Improve Tolerance to Cadmium: A Case Study Using Duckweed *Spirodela polyrrhiza* as Indicating Plant. ○
- 201 CaSPDS, a Spermidine Synthase Gene from Pepper (*Capsicum annuum* L.), Plays an Important Role in Response to Cold Stress. **2023**, 24, 5013 ○
- 200 Evaluation of guava (*Psidium guajava*) and bael (*Aegle marmelos*) under shallow saline watertable conditions. **2018**, 88, 720-725 ○
- 199 TiO₂ nanoparticles alleviates the effects of drought stress in tomato seedlings. 82, ○
- 198 Pre-treatment of melatonin enhances the seed germination responses and physiological mechanisms of soybean (*Glycine max* L.) under abiotic stresses. 14, ○
- 197 Young Tomato Plants Respond Differently under Single or Combined Mild Nitrogen and Water Deficit: An Insight into Morphophysiological Responses and Primary Metabolism. **2023**, 12, 1181 ○
- 196 Use of a Biostimulant to Mitigate the Effects of Excess Salinity in Soil and Irrigation Water in Tomato Plants. **2023**, 12, 1190 ○
- 195 ACC deaminase producing PGPR modulates nutrients uptake, soil properties and growth of cluster bean (*Cyamopsis tetragonoloba* L.) under deficit irrigation. ○
- 194 Assessment of Salicylic Acid as a Pretreatment on Alleviating Cadmium Toxicity on In Vitro Banana Shoots. ○

- 193 Physiological and Growth Characteristics of Tomato Seedlings in Response to Low Root-zone Temperature. **2023**, 58, 442-448 ○
- 192 Differences in eco-physiological responses to the removal of adventitious roots between *Syzygium nervosum* A. Cunn. ex DC. and *Syzygium cumini* (L.) Skeels saplings under waterlogging. **2023**, 80, ○
- 191 Gibberellic Acid and Silicon Ameliorate NaCl Toxicity in *Brassica juncea*: Possible Involvement of Antioxidant System and Ascorbate-Glutathione Cycle. **2023**, 12, 1210 ○
- 190 Functional Quality, Antioxidant Capacity and Essential Oil Percentage in Different Mint Species Affected by Salinity Stress. ○
- 189 Amelioration of the physio-biochemical responses to salinity stress and computing the primary germination index components in cauliflower on seed priming. **2023**, 9, e14403 ○
- 188 Exogenous γ -Aminobutyric Acid (BABA) Improves the Growth, Essential Oil Content, and Composition of Grapefruit Mint (*Mentha suaveolens* Piperita) under Water Deficit Stress Conditions. **2023**, 9, 354 ○
- 187 Magnetic water irrigation changes physiological traits and stress tolerance of *Salvia virgata* under saline conditions. **2023**, 314, 111935 ○
- 186 Insight into the physiological and biochemical mechanisms of biostimulating effect of *Ascophyllum nodosum* and *Moringa oleifera* extracts to minimize cadmium-induced oxidative stress in rice. **2023**, 30, 55298-55313 ○
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- 184 Effect of different rates of irrigation, soil conditioners, and potassium fertilizer on the productivity and fruit characters of Valencia orange trees (*Citrus sinensis* L.) growing under North Sinai conditions. ○
- 183 ZnO nanoparticles efficiently enhance drought tolerance in *Dracocephalum kotschy* through altering physiological, biochemical and elemental contents. 14, ○
- 182 Contrasting Metabolisms in Green and White Leaf Sectors of Variegated *Pelargonium zonale* An Integrative Transcriptomic and Metabolomic Study. **2023**, 24, 5288 ○
- 181 Effect of polyamine precursors and antioxidants on growth and metabolism of salt-stressed barley. 12, 262 ○
- 180 Effect of Water Deficit on Germination, Growth and Biochemical Responses of Four Potentially Invasive Ornamental Grass Species. **2023**, 12, 1260 ○
- 179 Foliar application of putrescine, salicylic acid, and ascorbic acid mitigates frost stress damage in *Vitis vinifera* cv. *Giziluzum* **2023**, 23, ○
- 178 Conferring of Drought and Heat Stress Tolerance in Wheat (*Triticum aestivum* L.) Genotypes and Their Response to Selenium Nanoparticles Application. **2023**, 13, 998 ○
- 177 Nitric Oxide and Proline Modulate Redox Homeostasis and Photosynthetic Metabolism in Wheat Plants under High Temperature Stress Acclimation. **2023**, 12, 1256 ○
- 176 Micro-dust and *Pistacia atlantica* tolerance. ○

- ¹⁷⁵ Melatonin-mediated endogenous nitric oxide coordinately boosts stability through proline and nitrogen metabolism, antioxidant capacity, and Na⁺/K⁺ transporters in tomato under NaCl stress. **2023**, 14, 1
- ¹⁷⁴ The effect of methyl jasmonate on morpho-physiological and biochemical parameters and mineral contents in *Satureja khuzistanica* Jamzad under salinity stress. **2022**, 21, 87-99 ○
- ¹⁷³ Reducing the Adverse Effects of Salt Stress by Utilizing Compost Tea and Effective Microorganisms to Enhance the Growth and Yield of Wheat (*Triticum aestivum* L.) Plants. **2023**, 13, 823 ○
- ¹⁷² Individual and Interactive Effects of Nitrogen and Phosphorus on Drought Stress Response and Recovery in Maize Seedlings. **2023**, 13, 654 ○
- ¹⁷¹ Genome-Wide Association Study of Seedling Characteristics in Bread Wheat Cultivars Under Normal and Salt Stress Conditions. **2022**, 9, 13-26 ○
- ¹⁷⁰ Assessing Drought Tolerance of Newly Developed Tissue-Cultured Canola Genotypes under Varying Irrigation Regimes. **2023**, 13, 836 1
- ¹⁶⁹ The Impact of Irrigation Intervals and NPK/Yeast on the Vegetative Growth Characteristics and Essential Oil Content of Lemongrass. **2023**, 9, 365 ○
- ¹⁶⁸ Water and Nutrient Recovery for Cucumber Hydroponic Cultivation in Simultaneous Biological Treatment of Urine and Grey Water. **2023**, 12, 1286 ○
- ¹⁶⁷ Sodicity stress differently influences physiological traits and anti-oxidant enzymes in pear and peach cultivars. **2023**, 11, e14947 ○
- ¹⁶⁶ Strigolactone Analog GR24 Induces Seed Germination and Improves Growth Performance of Different Genotypes of Tomato. ○
- ¹⁶⁵ The effectiveness of *Arbuscula Mycorrhiza* Fungi stater with different fortification in increasing the productivity of *Clitoria ternatea* on saline soil. **2023**, 373, 06008 ○
- ¹⁶⁴ Probiotics, Proline and Calcium Induced Protective Responses of *Triticum aestivum* under Drought Stress. **2023**, 12, 1301 ○
- ¹⁶³ Impact of salinity on yield-related parameters in two contrasting cultivars of *Oryza glaberrima* Steud. in Benin. **2023**, 59, ○
- ¹⁶² Physiological Role of Arbuscular Mycorrhizae and Vitamin B1 on Productivity and Physio-Biochemical Traits of White Lupine (*Lupinus termis* L.) Under Salt Stress. ○
- ¹⁶¹ NO and GSH Alleviate the Inhibition of Low-Temperature Stress on Cowpea Seedlings. **2023**, 12, 1317 ○
- ¹⁶⁰ Cd and Hg Mediated Oxidative Stress, Antioxidative Metabolism and Molecular Changes in Soybean (*Glycine max* L.). **2023**, 92, 1725-1742 ○
- ¹⁵⁹ Determination of Genetic Parameters of Quantitative and Qualitative Traits of Sugar Beet in Drought and Normal Conditions. **2021**, 13, 151-161 ○
- ¹⁵⁸ Development of Halotolerant Microbial Consortia for Salt Stress Mitigation and Sustainable Tomato Production in Sodic Soils: An Enzyme Mechanism Approach. **2023**, 15, 5186 ○

- 157 Evaluation of Biochemical Indices to Introduce Superior Genotypes of Sugar Beet (*Beta Vulgaris* L.) under Water Deficit Stress. **2021**, 13, 219-227 ○
- 156 Seed Priming Improves Germination, Yield, and Water Productivity of Cotton Under Drought Stress. ○
- 155 Investigation of Some Physiological Traits in *Dracocephalum Moldavica* L. Ecotypes under Salt Stress Condition. **2022**, 14, 155-163 ○
- 154 Investigation of some Biochemical Traits of Tolerant and Sensitive Wheat Cultivars (*Triticum Bioticum*) under Salinity Stress. **2020**, 12, 216-234 ○
- 153 Determining the most Tolerant Genotypes of Hashemi Rice Mutant (M3) in Response to Drought Stress using of Physiological Growth Indices and Enzymatic Changes. **2022**, 14, 31-42 ○
- 152 Banding Patterns Activity of Antioxidant Enzymes and Physiological Indices in the Maize (*Zea mays* L.) Genotypes under Water Deficit Stress. **2022**, 14, 64-75 ○
- 151 Study of the Physiological and Biochemical Changes of Common bean in Response to Foliar Application of Salicylic Acid under Drought Stress Conditions. **2022**, 14, 117-126 ○
- 150 The Role of the Fungal Endophyte *Penicillium Chrysogenum* in Tomato Plant under Salinity Stress. **2021**, 13, 84-94 ○
- 149 Foliar Spray or Root Application: Which Method of Salicylic Acid Treatment is More Efficient in Alleviating the Adverse Effects of Salt Stress on the Growth of Alfalfa Plants, *Medicago sativa* L.?. ○
- 148 Assessment of some urban ornamental plants in southern Iran revealed that they choose one of the two enzymatic or non-enzymatic antioxidants defensive strategies against heavy metals. ○
- 147 Acetone O-(2-naphthylsulfonyl)oxime Alleviates the Toxic Effects of Cadmium Stress in Maize Seedlings by Increasing the Phenolic Substance Content and Antioxidant System Activity. ○
- 146 Health recovery of soil polluted with marble effluents by the inoculation of Mn-tolerant bacteria. **2023**, 28, 220560-0 ○
- 145 Transcriptomic analysis reveals mechanisms for the different drought tolerance of sweet potatoes. 14, ○
- 144 Growth, physiological, and molecular responses of three phaeophyte extracts on salt-stressed pea (*Pisum sativum* L.) seedlings. **2023**, 21, ○
- 143 Physiological and Molecular Effects of Calcium and Salicylic Acid on *Fusarium graminearum*-Infected Wheat Seedlings. ○
- 142 Arbuscular mycorrhizal fungi alleviates salt stress in *Xanthoceras sorbifolium* through improved osmotic tolerance, antioxidant activity, and photosynthesis. 14, ○
- 141 Bacilli Rhizobacteria as Biostimulants of Growth and Production of Sesame Cultivars under Water Deficit. **2023**, 12, 1337 ○
- 140 Osmoregulatory and Antioxidants Modulation by Salicylic Acid and Methionine in Cowpea Plants under the Water Restriction. **2023**, 12, 1341 ○

- 139 The effect of plant growth regulators on the antioxidant enzyme activity and secondary metabolite production in the cell suspension cultures of *Melia azedarach* L.. 1-16 ○
- 138 An Endophytic Fungal Isolate *Paecilomyces lilacinus* Produces Bioactive Secondary Metabolites and Promotes Growth of *Solanum lycopersicum* under Heavy Metal Stress. **2023**, 13, 883 ○
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- 128 Supplementation with *Ascophyllum nodosum* extracts mitigates arsenic toxicity by modulating reactive oxygen species metabolism and reducing oxidative stress in rice. **2023**, 255, 114819 ○
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- 126 Effects of Different Waterlogging Times on Growth Status and Physiological Characteristics of Sugar Beet Seedlings. **2022**, 69, ○
- 125 Candidate Gene Expression Profiling in Contrasting Groundnut Genotypes Differing in Moisture Stress Adaptation. **2022**, 69, ○
- 124 The Role of Chitosan in Improvisation the Drought Stress in *Carum copticum* through Biochemical and Essential Oil Components. **2022**, 69, ○
- 123 Antioxidative and Structural Responses of *Melissa officinalis* to Salt Stress. **2022**, 69, ○
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- 120 Assessing anti-transpiration potential of beeswax waste on *Calendula officinalis* under drought stress conditions. **2023**, 315, 111987 ○
- 119 Zinc-Regulated P5CS and Sucrose Transporters SUT1B Expression to Enhance Drought Stress Tolerance in Wheat. ○
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- 117 Physiological, biochemical and structural changes in tomato plants by vermicompost application in different exposure periods under glass house conditions. **2023**, 197, 107656 ○
- 116 Effect of priming on germination traits and antioxidant enzymes of pumpkin (*Cucurbita pepo* L.) seeds with different vigor under drought stress. ○
- 115 Glutathione and Proline Attenuates Injury Induced by Boron Toxicity in Wheat. 371-379 ○
- 114 Impact of cytotoxic plant naphthoquinones, juglone, plumbagin, lawsone and 2-methoxy-1,4-naphthoquinone, on *Chlamydomonas reinhardtii* reveals the biochemical mechanism of juglone toxicity by rapid depletion of plastoquinol. **2023**, 197, 107660 ○
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- 106 Exogenous application of carbon nanoparticles alleviates drought stress by regulating water status, chlorophyll fluorescence, osmoprotectants, and antioxidant enzyme activity in *Capsicum annum* L.. ○
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- 90 Biomass composite with exogenous organic acid addition supports the growth of sweet sorghum (*Sorghum bicolor* Moench) by reducing salinity and increasing nutrient levels in coastal saline  kaline soil. 14, o
- 89 Improving Grapevine Heat Stress Resilience with Marine Plant Growth-Promoting Rhizobacteria Consortia. **2023**, 11, 856 o
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- 84 Heat, drought, and combined stress effect on transgenic potato plants overexpressing the StERF94 transcription factor. ○
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- 61 Effect of silicon on morphological, physiological and biochemical characteristics in salinity tolerance in indica rice. **2023**, 60, 175-190 ○
- 60 The second revision for Plant Growth Regulation (GROW-D-23-00091) sex-specific resource allocation in juvenile and adult *salix myrtillacea*. ○
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- 53 Use of microalga *Asterarcys quadricellulare* in common bean: a sustainable alternative to mitigate water stress. ○
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- 41 Interplay of silymarin and clove fruit extract effectively enhances cadmium stress tolerance in wheat (*Triticum aestivum*). 14, ○
- 40 Biosynthesized Silica Nanoparticles (Si NPs) Helps in Mitigating Drought Stress in Wheat Through Physiological Changes and Upregulation of Stress Genes. ○
- 39 Potential Impacts of Clove Essential Oil Nanoemulsion as Bio Fungicides against *Neoscytalidium* Blight Disease of *Carum carvi* L.. **2023**, 13, 1114 ○
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- 37 The strategy role of natural products on growth, primary and secondary metabolites of two wheat cultivars under drought stress. ○
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- 34 Effects of Sodic Water Irrigation and Neutralizing Amendments on Physiological, Biochemical, and Nutritional Quality Traits of Fodder Sorghum. **2023**, 13, 1128 ○
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- 26 Changes in fatty acids in *Brassica juncea* L. oil grown under two simulated conditions of fluoride contamination. 1-8 ○
- 25 Effects of *Enterobacter* sp. Zm-123 and spent mushroom substrate on rape growth promotion and cadmium toxicity reduction in cadmium-contaminated soil. ○
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- 15 Physio-biochemical Mechanisms of Acetic Acid Involved in Cold and Freezing Tolerance in Mexican Lime Plants (*Citrus aurantifolia* Swingle). ○
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- 13 Effect of Seed Priming with Endophytic *Bacillus subtilis* on Some Physio-Biochemical Parameters of Two Wheat Varieties Exposed to Drought after Selective Herbicide Application. **2023**, 12, 1724 ○
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- 5 Role of Exogenous Osmolyte Supplementation in Ameliorating Osmotic and Oxidative Stress and Promoting Growth in Salinity-Stressed Soybean Genotypes. ○
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- 2 Absciscic Acid-Loaded ZnO Nanoparticles as Drought Tolerance Inducers in *Zea mays* L. with Physiological and Biochemical Attributes. ○
- 1 Potential toxicity assessment of mycotoxin fusaric acid with the spectral shift profile on DNA. ○