

Salt tolerance and salinity effects on plants: a review

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Development of Crown and Root Rot Disease of Tomato Under Irrigation with Saline Water. <i>Phytopathology</i> , 2005, 95, 1438-1444.	1.1	70
2	A hydroponic rice seedling culture model system for investigating proteome of salt stress in rice leaf. <i>Electrophoresis</i> , 2005, 26, 4521-4539.	1.3	195
3	Role Of Calcium In Alleviating Salinity Effects In Coastal Halophytes. <i>Tasks for Vegetation Science</i> , 2008, , 107-114.	0.6	6
4	Salt tolerance and osmotic adjustment of <i>Spartina alterniflora</i> (Poaceae) and the invasive M haplotype of <i>Phragmites australis</i> (Poaceae) along a salinity gradient. <i>American Journal of Botany</i> , 2006, 93, 1784-1790.	0.8	151
6	Response of antioxidant systems to NaCl stress in the halophyte <i>Cakile maritima</i> . <i>Physiologia Plantarum</i> , 2006, 126, 446-457.	2.6	139
7	Growth and photosynthetic responses to salinity in an extreme halophyte, <i>Sarcocornia fruticosa</i> . <i>Physiologia Plantarum</i> , 2006, 128, 116-124.	2.6	139
8	Effects of NaCl, Na ₂ SO ₄ , and mannitol on storage lipid mobilization in the cotyledons and roots of purple alfalfa seedlings. <i>Russian Journal of Plant Physiology</i> , 2006, 53, 779-784.	0.5	10
9	The ectomycorrhizal fungus <i>Scleroderma bermudense</i> alleviates salt stress in seagrape (<i>Coccoloba</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	1.3	51
10	Salinity stress and hydrogen peroxide regulation of antioxidant defense system in <i>Ulva fasciata</i> . <i>Marine Biology</i> , 2006, 150, 1-15.	0.7	88
11	The Arabidopsis Mutant stg1 Identifies a Function for TBP-Associated Factor 10 in Plant Osmotic Stress Adaptation. <i>Plant and Cell Physiology</i> , 2006, 47, 1285-1294.	1.5	43
12	Comparative Salt Tolerance Of Perennial Grasses. <i>Tasks for Vegetation Science</i> , 2008, , 239-253.	0.6	10
13	Influence d'une hydromorphie mod�re ou s�v�re sur la production de biomasse et les �changes gazeux de plants de peuplier euram�ricain. <i>Canadian Journal of Forest Research</i> , 2006, 36, 2654-2665.	0.8	8
14	Hydrogen peroxide concentrations in leaves under natural conditions. <i>Journal of Experimental Botany</i> , 2006, 57, 2435-2444.	2.4	279
15	Effects of NaCl stress on red raspberry (<i>Rubus idaeus</i> L. � Autumn Bliss �). <i>Scientia Horticulturae</i> , 2007, 112, 282-289.	1.7	69
16	Soil organic matter from pioneer species and its implications to phytostabilization of mined sites in the Sierra de Cartagena (Spain). <i>Chemosphere</i> , 2007, 69, 1341-1350.	4.2	37
17	Potential of halophytes as source of edible oil. <i>Journal of Arid Environments</i> , 2007, 68, 315-321.	1.2	136
18	Physiological and biochemical responses of <i>Scytonema javanicum</i> (cyanobacterium) to salt stress. <i>Journal of Arid Environments</i> , 2007, 71, 312-320.	1.2	70
19	Nitrogen, Phosphorus, and Sulfur Nutrition in Broccoli Plants Grown Under Salinity. <i>Journal of Plant Nutrition</i> , 2007, 30, 1855-1870.	0.9	16

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20	Evaluation of Genetic and Epigenetic Modification in Rapeseed (<i>Brassica napus</i>) Induced by Salt Stress. <i>Journal of Integrative Plant Biology</i> , 2007, 49, 1599-1607.	4.1	46
21	Growth and Photosynthetic Responses to Salinity of the Salt-marsh Shrub <i>Atriplex portulacoides</i> . <i>Annals of Botany</i> , 2007, 100, 555-563.	1.4	216
22	Interactive effects of salinity and potassium availability on growth, water status, and ionic composition of <i>Hordeum maritimum</i> . <i>Journal of Plant Nutrition and Soil Science</i> , 2007, 170, 469-473.	1.1	68
23	Towards the Development of Salt-Tolerant Potato. , 2007, , 415-437.		6
24	Adaptive response to salt involving carbohydrate metabolism in leaves of a salt-sensitive tomato cultivar. <i>Plant Physiology and Biochemistry</i> , 2007, 45, 551-559.	2.8	51
25	Functional screening of salt stress-related genes from <i>Thellungiella halophila</i> using fission yeast system. <i>Physiologia Plantarum</i> , 2007, 129, 671-678.	2.6	13
26	Interaction of nitrogen nutrition and salinity in Grey poplar (<i>Populus tremula</i> × <i>alba</i>). <i>Plant, Cell and Environment</i> , 2007, 30, 796-811.	2.8	99
27	Nitrogen uptake and metabolism in <i>Populus alba</i> affected by salinity. <i>New Phytologist</i> , 2007, 173, 279-293.	3.5	100
28	The effect of salt stress on lipid peroxidation, antioxidative enzymes and proline content of sesame cultivars. <i>Environmental and Experimental Botany</i> , 2007, 60, 344-351.	2.0	391
29	Synthetic reactive dye wastewater treatment by narrow-leaved cattails (<i>Typha angustifolia</i> Linn.): Effects of dye, salinity and metals. <i>Science of the Total Environment</i> , 2007, 384, 67-76.	3.9	88
30	Effect of NaCl, Na ₂ SO ₄ , and mannitol on utilization of storage starch and formation of plastids in the cotyledons and roots of alfalfa seedlings. <i>Russian Journal of Plant Physiology</i> , 2007, 54, 50-57.	0.5	12
31	Effect of calcium and light on the germination of <i>Urochondra setulosa</i> under different salts. <i>Journal of Zhejiang University: Science B</i> , 2007, 8, 20-26.	1.3	16
32	Salt-stress signaling. <i>Journal of Plant Biology</i> , 2007, 50, 148-155.	0.9	45
33	Osmotic adjustment and ion balance traits of an alkali resistant halophyte <i>Kochia sieversiana</i> during adaptation to salt and alkali conditions. <i>Plant and Soil</i> , 2007, 294, 263-276.	1.8	302
34	Salt impact on photosynthesis and leaf ultrastructure of <i>Aeluropus litoralis</i> . <i>Journal of Plant Research</i> , 2007, 120, 529-537.	1.2	71
35	Effects of exogenous nitric oxide on growth, active oxygen species metabolism, and photosynthetic characteristics in cucumber seedlings under NaCl stress. <i>Frontiers of Agriculture in China</i> , 2007, 1, 308-314.	0.2	94
36	Effects of NaCl and mannitol induced stress on sugarcane (<i>Saccharum</i> sp.) callus cultures. <i>Acta Physiologiae Plantarum</i> , 2007, 29, 95-102.	1.0	82
37	Effect of salinity on antioxidant responses of chickpea seedlings. <i>Acta Physiologiae Plantarum</i> , 2007, 29, 485-493.	1.0	134

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38	Effect of short- and long-term salinity on the activities of antioxidative enzymes and lipid peroxidation in tomato roots. <i>Acta Physiologiae Plantarum</i> , 2007, 30, 11-18.	1.0	133
39	Germination strategies of two halophytes in Salt Desert of northwestern China. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 115-121.	0.9	10
40	Protective role of exogenous nitric oxide against oxidative-stress induced by salt stress in barley (<i>Hordeum vulgare</i>). <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 65, 220-225.	2.5	84
41	Role of nitric oxide under saline stress: implications on proline metabolism. <i>Biologia Plantarum</i> , 2008, 52, 587-591.	1.9	110
42	Contribution of putrescine degradation to proline accumulation in soybean leaves under salinity. <i>Biologia Plantarum</i> , 2008, 52, 796-799.	1.9	35
43	Comparison of effects of salt and alkali stresses on the growth and photosynthesis of wheat. <i>Photosynthetica</i> , 2008, 46, 107-114.	0.9	166
44	Photosynthesis and photosystem 2 efficiency of two salt-adapted halophytic seashore <i>Cakile maritima</i> ecotypes. <i>Photosynthetica</i> , 2008, 46, 410-419.	0.9	59
45	Growth, nitrogen fixation and ion distribution in <i>Medicago truncatula</i> subjected to salt stress. <i>Plant and Soil</i> , 2008, 312, 59-67.	1.8	33
46	Comparative effects of salt and alkali stresses on growth, osmotic adjustment and ionic balance of an alkali-resistant halophyte <i>Suaeda glauca</i> (Bge.). <i>Plant Growth Regulation</i> , 2008, 56, 179-190.	1.8	229
47	Scion and Rootstock Effects on ABA-mediated Plant Growth Regulation and Salt Tolerance of Acclimated and Unacclimated Potato Genotypes. <i>Journal of Plant Growth Regulation</i> , 2008, 27, 125-140.	2.8	31
48	Growth, photosynthesis, and ion distribution in hydroponically cultured <i>Populus alba</i> L. cuttings grown under various salinity concentrations. <i>Landscape and Ecological Engineering</i> , 2008, 4, 75-82.	0.7	16
49	Growth, physiological characteristics and ion distribution of NaCl stressed <i>Alhagi sparsifolia</i> seedlings. <i>Science Bulletin</i> , 2008, 53, 169-176.	4.3	18
50	Changes in water relations, photosynthetic activity and proline accumulation in one-year-old olive trees (<i>Olea europaea</i> L. cv. Chemlali) in response to NaCl salinity. <i>Acta Physiologiae Plantarum</i> , 2008, 30, 553-560.	1.0	36
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55	Improving <i>Glycyrrhiza uralensis</i> salt tolerance with N ⁺ ion irradiation. <i>Russian Journal of Plant Physiology</i> , 2008, 55, 344-349.	0.5	5

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56	SALT-INDUCED ALTERATIONS IN LIPID COMPOSITION OF DIATOM <i>NITZSCHIA LAEVIS</i> (BACILLARIOPHYCEAE) UNDER HETEROTROPHIC CULTURE CONDITION ¹ . Journal of Phycology, 2008, 44, 1309-1314.	1.0	100
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63	Water Salinity and Initial Development of Pitaya (<i>Hylocereus undatus</i>). International Journal of Fruit Science, 2008, 7, 81-92.	1.2	7
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66	Salt in Irrigation Water Affects the Nutritional and Visual Properties of Romaine Lettuce (<i>Lactuca</i>)	2.4	167
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75	Intracellular Organic Osmolytes: Function and Regulation. <i>Journal of Biological Chemistry</i> , 2008, 283, 7309-7313.	1.6	535
76	Selection of salt tolerant plants of <i>Nicotiana Tabacum</i> L. through in vitro and its biochemical characterization. <i>Acta Biologica Hungarica</i> , 2008, 59, 77-92.	0.7	12
77	In vitro selection of NaHCO ₃ tolerant cultivars of <i>Morus alba</i> (Local and Tj ETQq1 1 0.784314 rgBT / Overlock	0.3	20
78	Salt stress and phyto-biochemical responses of plants - a review. <i>Plant, Soil and Environment</i> , 2008, 54, 89-99.	1.0	424
79	Effects of salt stress on growth, antioxidant enzyme and phenylalanine ammonia-lyase activities in <i>Jatropha curcas</i> L. seedlings. <i>Plant, Soil and Environment</i> , 2008, 54, 374-381.	1.0	127
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81	Wheat Response to a Soil Previously Irrigated with Saline Water. <i>Italian Journal of Agronomy</i> , 2009, 4, 121.	0.4	0
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93	Effects of buffer capacity on growth, photosynthesis, and solute accumulation of a glycophyte (wheat) and a halophyte (<i>Chloris virgata</i>). <i>Photosynthetica</i> , 2009, 47, 55-60.	0.9	45
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95	Effects of salt stress on growth, photosynthesis and solute accumulation in three poplar cultivars. <i>Photosynthetica</i> , 2009, 47, .	0.9	15
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98	Tocopherol content and enzymatic antioxidant activities in chloroplasts from NaCl-stressed tomato plants. <i>Acta Physiologiae Plantarum</i> , 2009, 31, 393-400.	1.0	35
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101	Physiological and biochemical traits involved in the genotypic variability to salt tolerance of Tunisian <i>Cakile maritima</i> . <i>African Journal of Ecology</i> , 2009, 47, 774-783.	0.4	8
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103	<i>NITZSCHIA OVALIS</i> (BACILLARIOPHYCEAE) MONO LAKE STRAIN ACCUMULATES 1,4/2,5 CYCLOHEXANETETROL IN RESPONSE TO INCREASED SALINITY ¹ . <i>Journal of Phycology</i> , 2009, 45, 395-403.	1.0	14
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105	Increased content of very-long-chain fatty acids in the lipids of halophyte vegetative organs. <i>Russian Journal of Plant Physiology</i> , 2009, 56, 787-794.	0.5	20
106	Rhizobacteria containing ACC-deaminase confer salt tolerance in maize grown on salt-affected fields. <i>Canadian Journal of Microbiology</i> , 2009, 55, 1302-1309.	0.8	178
107	Salt tolerance strategies of <i>Lygeum spartum</i> L.: A new fodder crop for Algerian saline steppes. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2009, 204, 747-754.	0.6	25
108	Distribution of metals in soil particle size fractions and its implication to risk assessment of playgrounds in Murcia City (Spain). <i>Geoderma</i> , 2009, 149, 101-109.	2.3	197
109	Cadmium, copper, lead, and zinc in secondary sulfate minerals in soils of mined areas in Southeast Spain. <i>Geoderma</i> , 2009, 150, 150-157.	2.3	34

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111	Expression of terpenoid synthase mRNA and terpenoid content in salt stressed mangrove. <i>Journal of Plant Physiology</i> , 2009, 166, 1786-1800.	1.6	48
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115	The Use of Microorganisms to Facilitate the Growth of Plants in Saline Soils. , 2009, , 1-22.		35
116	Improvement of Salt Tolerance Mechanisms of Barley Cultivated Under Salt Stress Using <i>Azospirillum brasilense</i> . <i>Tasks for Vegetation Science</i> , 2009, , 133-147.	0.6	62
117	A systems biology approach to investigate the response of <i>Synechocystis</i> sp. PCC6803 to a high salt environment. <i>Saline Systems</i> , 2009, 5, 8.	2.0	19
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130	EVALUATION OF THE GROWTH OF DATE PALM SEEDLINGS IRRIGATED WITH SALINE WATER IN THE SULTANATE OF OMAN. <i>Acta Horticulturae</i> , 2010, , 233-246.	0.1	26
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133	Physiological responses to NaCl stress in three wild species of potato in vitro. <i>Acta Physiologiae Plantarum</i> , 2010, 32, 91-101.	1.0	86
134	Biochemical responses of Hyacinth bean (<i>Lablab purpureus</i>) to salinity stress. <i>Acta Physiologiae Plantarum</i> , 2010, 32, 341-353.	1.0	47
135	Acetylsalicylic acid ameliorates negative effects of NaCl or osmotic stress in <i>Solanum stoloniferum</i> in vitro. <i>Biologia Plantarum</i> , 2010, 54, 781-784.	1.9	10
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309	Silicon nutrition alleviates physiological disorders imposed by salinity in hydroponically grown canola (<i>Brassica napus</i> L.) plants. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 1779-1788.	1.0	74

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425	Bioprospecting and Genetic Engineering of Mangrove Genes to Enhance Salinity Tolerance in Crop Plants. , 2013, , 385-456.		5
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431	Arbuscular Mycorrhiza: Approaches for Abiotic Stress Tolerance in Crop Plants for Sustainable Agriculture. , 2013, , 359-401.		58
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443	The effects of salt stress on growth, water relations and ion accumulation in two halophyte <i>Atriplex</i> species. <i>Environmental and Experimental Botany</i> , 2013, 86, 17-28.	2.0	93
444	Is ABA involved in tolerance responses to salinity by affecting cytoplasm ion homeostasis in rice cell lines?. <i>Plant Physiology and Biochemistry</i> , 2013, 62, 88-94.	2.8	9
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446	Hydrogen sulfide induces systemic tolerance to salinity and non-ionic osmotic stress in strawberry plants through modification of reactive species biosynthesis and transcriptional regulation of multiple defence pathways. <i>Journal of Experimental Botany</i> , 2013, 64, 1953-1966.	2.4	304
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451	AM fungi ameliorates growth, yield and nutrient uptake in <i>Cicer arietinum</i> L. Under salt stress. <i>Russian Agricultural Sciences</i> , 2013, 39, 321-329.	0.1	12
452	Effects of ascorbic acid and gibberellin A3 on alleviation of salt stress in common bean (<i>Phaseolus</i>)	1.0	52
453	Response of hydroponically-grown strawberry (<i>Fragaria</i> — <i>ananassa</i> Duch.) plants to different ratios of K:Ca:Mg in the nutrient solution. <i>Journal of Horticultural Science and Biotechnology</i> , 2013, 88, 293-300.	0.9	11
454	Effects of salinity stress on starch morphology, composition and thermal properties during grain development in triticale. <i>Canadian Journal of Plant Science</i> , 2013, 93, 765-771.	0.3	16
455	The Critical Role of Potassium in Plant Stress Response. <i>International Journal of Molecular Sciences</i> , 2013, 14, 7370-7390.	1.8	1,096

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457	Breeding Salinity Tolerance in Citrus Using Rootstocks. , 2013, , 355-376.		8
458	Role of Arbuscular Mycorrhiza in Amelioration of Salinity. , 2013, , 301-354.		48
459	Exogenous hydrogen peroxide, nitric oxide and calcium mediate root ion fluxes in two non-secretor mangrove species subjected to NaCl stress. <i>Tree Physiology</i> , 2013, 33, 81-95.	1.4	56
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461	Isoprene function in two contrasting poplars under salt and sunflecks. <i>Tree Physiology</i> , 2013, 33, 562-578.	1.4	45
462	Agronomic and physiological responses of pearl millet ecotype (<i>Pennisetum</i>
<i>glaucum (L.) R.) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	1.0	11
463	Algal lipids, fatty acids and sterols. , 2013, , 87-134.		68
464	The greater effectiveness of <i>Glomus mosseae</i> and <i>Glomus intraradices</i> in improving productivity, oil content and tolerance of saltâ€stressed menthol mint (<i>Mentha arvensis</i>). <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 2154-2161.	1.7	25
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470	Protective role of pulsed magnetic field against salt stress effects in soybean organ culture. <i>Plant Biosystems</i> , 2013, 147, 135-140.	0.8	21
471	Salt-induced perturbation in growth, physiological attributes, activities of antioxidant enzymes and organic solutes in mungbean (<i>Vigna radiata</i>L.) cultivars differing in salinity tolerance. <i>Archives of Agronomy and Soil Science</i> , 2013, 59, 1695-1712.	1.3	9
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473	Consequences of salinity and freezing stress for two populations of <i>Quercus virginiana</i> Mill. (Fagaceae) grown in a common garden¹. <i>Journal of the Torrey Botanical Society</i> , 2013, 140, 145-156.	0.1	6

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477	Differences in salinity tolerance of genetically distinct <i>Phragmites australis</i> clones. <i>AoB PLANTS</i> , 2013, 5, .	1.2	38
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479	Effectiveness of halo-tolerant, auxin producing <i>Pseudomonas</i> and <i>Rhizobium</i> strains to improve osmotic stress tolerance in mung bean (<i>Vigna radiata</i> L.). <i>Brazilian Journal of Microbiology</i> , 2013, 44, 1341-1348.	0.8	84
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483	Structure and diversity of restingas along a flood gradient in southeastern Brazil. <i>Acta Botanica Brasilica</i> , 2013, 27, 801-809.	0.8	18
484	Photosynthetic behaviour of <i>Arabidopsis thaliana</i> (Pa-1 accession) under salt stress. <i>African Journal of Biotechnology</i> , 2013, 12, 4594-4602.	0.3	5
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487	A Proteomics Approach to Study Soybean and Its Symbiont <i>Bradyrhizobium japonicum</i> – A Review. , 0, , .		9
488	Oxidative stress biomarkers and metabolic changes associated with cadmium stress in hyacinth bean (<i>Lablab Purpureus</i>). <i>African Journal of Biotechnology</i> , 2013, 12, 4670-4682.	0.3	13
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491	Use of MSAP Markers to Analyse the Effects of Salt Stress on DNA Methylation in Rapeseed (<i>Brassica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 TF	1.1	84
492	Insertion of a Specific Fungal 3'-phosphoadenosine-5'-phosphatase Motif into a Plant Homologue Improves Halotolerance and Drought Tolerance of Plants. <i>PLoS ONE</i> , 2013, 8, e81872.	1.1	14

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497	Mineral Content and Biochemical Variables of <i>Aloe vera</i> L. under Salt Stress. <i>PLoS ONE</i> , 2014, 9, e94870.	1.1	28
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499	Physiological and Metabolic Effects of 5-Aminolevulinic Acid for Mitigating Salinity Stress in Creeping Bentgrass. <i>PLoS ONE</i> , 2014, 9, e116283.	1.1	37
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501	Comparative Ecophysiological Study of Salt Stress for Wild and Cultivated Soybean Species from the Yellow River Delta, China. <i>Scientific World Journal</i> , The, 2014, 2014, 1-13.	0.8	15
502	Comparison of Different Treatment Methods of Salicylic acid on Some Physiological Traits of White Bean Under Salinity Stress. <i>Cercetari Agronomice in Moldova</i> , 2014, 47, 97-105.	0.3	3
503	Gibberellic Acid and Salinity Affected Growth and Antioxidant Enzyme Activities in Castor Bean Plants at Early Growth Stage. <i>Agronomy Journal</i> , 2014, 106, 1340-1348.	0.9	13
504	β-galactosidases from cowpea stems: properties and gene expression under conditions of salt stress. <i>Revista Ciencia Agronomica</i> , 2014, 45, 794-804.	0.1	3
505	Arbuscular Mycorrhizal Colonization Enhances Biochemical Status and Mitigates Adverse Salt Effect on Two Legumes. <i>Notulae Scientia Biologicae</i> , 2014, 6, 381-393.	0.1	11
506	InteraÃ§Ã£o entre salinidade da Ã;gua de irrigaÃ§Ã£o e adubaÃ§Ã£o nitrogenada na cultura da berinjela. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2014, 18, 480-486.	0.4	18
507	Crescimento de leguminosas utilizadas na adubaÃ§Ã£o verde em diferentes nÃveis de sais na Ã;gua de irrigaÃ§Ã£o. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2014, 18, 1255-1261.	0.4	5
508	Effect of Plant Age and Saline Water on Antioxidant and Peroxidase Activity in Sweet Pepper Fruit. <i>Journal of Agricultural Science</i> , 2014, 6, .	0.1	2
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512	A comparison of induced and developmental cell death morphologies in lace plant (<i>Aponogeton</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 24	1.6	24
513	Net NH ₄ ⁺ and NO ₃ ⁻ fluxes, and expression of NH ₄ ⁺ and NO ₃ ⁻ transporter genes in roots of <i>Populus simonii</i> after acclimation to moderate salinity. <i>Trees - Structure and Function</i> , 2014, 28, 1813-1821.	0.9	35
514	Mitigation of salt-induced oxidative damage in Chinese kale (<i>Brassica alboglabra</i> L.) using ascorbic acid. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2014, 64, 13-23.	0.3	1
515	Evaluation of Rubidium and Potassium Diffusion in Soil by Radiotracer Technique. <i>Defect and Diffusion Forum</i> , 2014, 353, 199-204.	0.4	2
516	Transcriptome Analysis of Salt Tolerant Common Bean (<i>Phaseolus vulgaris</i> L.) under Saline Conditions. <i>PLoS ONE</i> , 2014, 9, e92598.	1.1	107
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518	Treatment with 24-epibrassinolide mitigates NaCl-induced toxicity by enhancing carbohydrate metabolism, osmolyte accumulation, and antioxidant activity in <i>Pisum sativum</i> . <i>Turkish Journal of Botany</i> , 2014, 38, 511-525.	0.5	29
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520	Improvement in tolerance to salt stress during tomato cultivation. <i>Turkish Journal of Biology</i> , 2014, 38, 193-199.	2.1	10
521	Exogenous proline and proline-enriched <i>Lolium perenne</i> leaf extract protects against phytotoxic effects of nickel and salinity in <i>Pisum sativum</i> by altering polyamine metabolism in leaves. <i>Turkish Journal of Botany</i> , 2014, 38, 914-926.	0.5	54
522	Effect of Salt Stress on Different Growth and Biochemical Attributes in Two Canola (<i>Brassica</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 19	0.6	19
524	Manipulating Osmolytes for Breeding Salinity-Tolerant Plants. , 2014, , 385-404.		6
525	Assessing the Salinity Effects on Mineral Composition and Nutritional Quality of Green and Red 'Baby' Lettuce. <i>Journal of Food Quality</i> , 2014, 37, 1-8.	1.4	51
526	Abiotic stresses, constraints and improvement strategies in chickpea. <i>Plant Breeding</i> , 2014, 133, 163-178.	1.0	73
527	Comparative Efficacy of Different Triazole Compounds as NaCl Stress Protectants in Kinnow Budded on Salt Susceptible Rootstock Jatti Khatti. <i>International Journal of Fruit Science</i> , 2014, 14, 284-296.	1.2	2
528	Salinity Stress and Arbuscular Mycorrhizal Symbiosis in Plants. , 2014, , 139-159.		60
529	EFFECT OF ALKALINE POTASSIUM AND SODIUM SALTS ON GROWTH, PHOTOSYNTHESIS, IONS ABSORPTION AND SOLUTES SYNTHESIS OF WHEAT SEEDLINGS. <i>Experimental Agriculture</i> , 2014, 50, 144-157.	0.4	14

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531	Improvement of Crop Production Under Saline Stress by a Biohydraulic Approach. , 2014, , 231-245.		1
532	Role of Na ⁺ , K ⁺ , Cl ⁻ , proline and sucrose concentrations in determining salinity tolerance and their correlation with the expression of multiple genes in tomato. <i>AoB PLANTS</i> , 2014, 6, plu039-plu039.	1.2	28
533	Differential tolerance of two wheat cultivars to NaCl is related to antioxidant potentialities. <i>Revista Brasileira De Botanica</i> , 2014, 37, 207-215.	0.5	4
534	Microbial Consortium of Plant Growth-Promoting Rhizobacteria Improves the Performance of Plants Growing in Stressed Soils: An Overview. , 2014, , 257-285.		19
535	Potential Use of Halophytes to Remediate Saline Soils. <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	257
536	Germination of <i>Prosopis juliflora</i> (S.W.) D.C. seeds at different osmotic potentials and temperatures. <i>Plant Species Biology</i> , 2014, 29, E9.	0.6	16
537	Increased invasive potential of non-native <i>Phragmites australis</i> : elevated CO ₂ and temperature alleviate salinity effects on photosynthesis and growth. <i>Global Change Biology</i> , 2014, 20, 531-543.	4.2	51
538	Kinetin and spermine mediated induction of salt tolerance in wheat plants: Leaf area, photosynthesis and chloroplast ultrastructure of flag leaf at ear emergence. <i>Egyptian Journal of Basic and Applied Sciences</i> , 2014, 1, 77-87.	0.2	36
539	Moderate salinity stimulates growth and photosynthesis of <i>Phragmites karka</i> by water relations and tissue specific ion regulation. <i>Environmental and Experimental Botany</i> , 2014, 105, 70-76.	2.0	83
540	Significance evaluation of the effects of environmental factors on the lipid accumulation of <i>Chlorella minutissima</i> UTEX 2341 under low-nutrition heterotrophic condition. <i>Bioresource Technology</i> , 2014, 152, 177-184.	4.8	74
541	Effect of potassium chloride and calcium chloride induced stress on in vitro cultures of <i>Bacopa monnieri</i> (L.) Pennell and accumulation of medicinally important bacoside A. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2014, 23, 366-378.	0.9	22
542	Salinity mediated biochemical changes towards differential adaptability of three mangroves from Indian Sundarbans. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2014, 23, 31-41.	0.9	5
543	Effects of 24-epibrassinolide on plant growth, osmotic regulation and ion homeostasis of salt-stressed canola. <i>Plant Biology</i> , 2014, 16, 440-450.	1.8	56
544	Biochemical characterization of maize (<i>Zea mays</i> L.) for salt tolerance. <i>Plant Biosystems</i> , 2014, 148, 1016-1026.	0.8	20
545	Plant growth promoting rhizobacteria alleviate salinity induced negative effects on growth, oil content and physiological status in <i>Mentha arvensis</i> . <i>Acta Physiologiae Plantarum</i> , 2014, 36, 45-60.	1.0	105
546	Influence of abiotic stresses on plant proteome and metabolome changes. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 1-19.	1.0	263
547	Overexpression of IbP5CR enhances salt tolerance in transgenic sweetpotato. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 117, 1-16.	1.2	100

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549	CPPU elevates photosynthetic abilities, growth performances and yield traits in salt stressed rice (<i>Oryza sativa</i> L. spp. indica) via free proline and sugar accumulation. <i>Pesticide Biochemistry and Physiology</i> , 2014, 108, 27-33.	1.6	9
550	Acclimation of hydrogen peroxide enhances salt tolerance by activating defense-related proteins in <i>Panax ginseng</i> C.A. Meyer. <i>Molecular Biology Reports</i> , 2014, 41, 3761-3771.	1.0	37
551	Growth and physiological responses to copper stress in a halophyte <i>Spartina alterniflora</i> (Poaceae). <i>Acta Physiologiae Plantarum</i> , 2014, 36, 745-754.	1.0	29
552	Morphogenetic responses of <i>Populus alba</i> L. under salt stress. <i>Journal of Forestry Research</i> , 2014, 25, 155-161.	1.7	11
553	Does Inoculation with <i>Glomus mosseae</i> Improve Salt Tolerance in Pepper Plants?. <i>Journal of Plant Growth Regulation</i> , 2014, 33, 644-653.	2.8	155
554	Osmotic adjustment and maintenance of the redox balance in root tissue may be key points to overcome a mild water deficit during the early growth of wheat. <i>Plant Growth Regulation</i> , 2014, 74, 107-117.	1.8	14
555	Effect of Gibberellic Acid on Germination Behaviour of Sugar Beet Cultivars under Salt Stress Conditions of Egypt. <i>Sugar Tech</i> , 2014, 16, 211-221.	0.9	23
556	Overproduction of an <i>Arabidopsis thaliana</i> keto reductase increases barley tolerance to oxidative and cadmium stress by an in vivo reactive aldehyde detoxification. <i>Plant Growth Regulation</i> , 2014, 74, 55-63.	1.8	20
557	Influence of thiourea application on some physiological and molecular criteria of sunflower (<i>Helianthus annuus</i> L.) plants under conditions of heat stress. <i>Protoplasma</i> , 2014, 251, 625-638.	1.0	30
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835	Alleviation of salt stress by halotolerant and halophilic plant growth-promoting bacteria in wheat (<i>Triticum aestivum</i> L.) cv. ETQq0 0 0 rgBT/Overlock 10 Tf 5000. <i>Journal of Plant Physiology</i> , 2016, 174, 174-184.	0.8	174
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837	Influence of 5-aminolevulinic acid on photosynthetically related parameters and gene expression in <i>Brassica napus</i> L. under drought stress. <i>Soil Science and Plant Nutrition</i> , 2016, 62, 254-262.	0.8	22
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839	Saline soil microbiome: A rich source of halotolerant PGPR. <i>Journal of Crop Science and Biotechnology</i> , 2016, 19, 231-239.	0.7	12
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1117	Soil moisture and salt ionic composition effects on species distribution and diversity in semiarid inland saline habitats, northwestern China. <i>Ecological Research</i> , 2018, 33, 505-515.	0.7	12
1118	Sequenced ascorbate-proline-glutathione seed treatment elevates cadmium tolerance in cucumber transplants. <i>Ecotoxicology and Environmental Safety</i> , 2018, 154, 171-179.	2.9	65
1119	Alleviation of NaCl toxicity in the cyanobacterium <i>Synechococcus</i> sp. PCC 7942 by exogenous calcium supplementation. <i>Journal of Applied Phycology</i> , 2018, 30, 1465-1482.	1.5	14
1120	Short-term salt stress strongly affects dynamic photosynthesis, but not steady-state photosynthesis, in tomato (<i>Solanum lycopersicum</i>). <i>Environmental and Experimental Botany</i> , 2018, 149, 109-119.	2.0	49
1121	Downregulation of stress-associated protein 1 (PagSAP1) increases salt stress tolerance in poplar (<i>Populus alba</i> — <i>P. glandulosa</i>). <i>Trees - Structure and Function</i> , 2018, 32, 823-833.	0.9	20
1122	Salicylic acid and calcium pretreatments alleviate the toxic effect of salinity in the Oueslati olive variety. <i>Scientia Horticulturae</i> , 2018, 233, 349-358.	1.7	38
1123	Physiological and growth responses of <i>Calendula officinalis</i> L. plants to the interaction effects of polyamines and salt stress. <i>Scientia Horticulturae</i> , 2018, 234, 312-317.	1.7	72
1124	Interactive effects of road salt and sediment disturbance on the productivity of seven common aquatic macrophytes. <i>Freshwater Biology</i> , 2018, 63, 709-720.	1.2	15
1125	Salinity Stress Responses and Adaptive Mechanisms in Major Glycophytic Crops: The Story So Far. , 2018, , 1-39.		9
1126	Enhanced oxidative stress in the jasmonic acid-deficient tomato mutant <i>def-1</i> exposed to NaCl stress. <i>Journal of Plant Physiology</i> , 2018, 226, 136-144.	1.6	72
1127	The responses of cucumber plants subjected to different salinity or fertilizer concentrations and reproductive success of <i>Tetranychus urticae</i> mites on these plants. <i>Experimental and Applied Acarology</i> , 2018, 75, 41-53.	0.7	4
1128	Ameliorative effects of calcium nitrate and humic acid on the growth, yield component and biochemical attribute of pepper (<i>Capsicum annuum</i>) plants grown under salt stress. <i>Scientia Horticulturae</i> , 2018, 236, 244-250.	1.7	94
1129	Strategies to Mitigate the Salt Stress Effects on Photosynthetic Apparatus and Productivity of Crop Plants. , 2018, , 85-136.		52
1130	Plant Osmoregulation as an Emergent Water-Saving Adaptation. <i>Water Resources Research</i> , 2018, 54, 2781-2798.	1.7	18
1131	Growth enhancement and salt tolerance of Safflower (<i>Carthamus tinctorius</i> L.), by salicylic acid. <i>Current Plant Biology</i> , 2018, 13, 16-22.	2.3	50
1132	Exogenous nanosilica improves germination and growth of cucumber by maintaining K ⁺ /Na ⁺ ratio under elevated Na ⁺ stress. <i>Plant Physiology and Biochemistry</i> , 2018, 125, 164-171.	2.8	77
1133	Effects of salinity stress on some growth, physiological, biochemical parameters and nutrients in two pistachio (<i>Pistacia vera</i> L.) rootstocks. <i>Journal of Plant Interactions</i> , 2018, 13, 73-82.	1.0	252

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1134	Healthy, Tasty and Sustainable Mediterranean Food. UMAMI Taste and Polyphenols of Twiggy Glasswort (<i>Salicornia ramosissima</i>). , 2018, , 191-198.		1
1135	Role of Secondary Metabolites from Plant Growth-Promoting Rhizobacteria in Combating Salinity Stress. <i>Microorganisms for Sustainability</i> , 2018, , 127-163.	0.4	38
1136	In vitro elicitation, isolation, and characterization of conessine biomolecule from <i>Holarrhena antidysenterica</i> (L.) Wall. callus and its larvicidal activity against malaria vector, <i>Anopheles stephensi</i> Liston. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6783-6796.	2.7	11
1137	Induction of priming by salt stress in neighboring plants. <i>Environmental and Experimental Botany</i> , 2018, 147, 261-270.	2.0	34
1138	Ameliorative effects of <i>Trichoderma harzianum</i> on monocot crops under hydroponic saline environment. <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	1.0	26
1139	Recent Advances in Halophilic Protozoa Research. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 556-570.	0.8	30
1140	The microtubule-associated RING finger protein 1 (OsMAR1) acts as a negative regulator for salt-stress response through the regulation of OCPI2 (<i>O. sativa</i> chymotrypsin protease inhibitor 2). <i>Planta</i> , 2018, 247, 875-886.	1.6	21
1141	Nano-silicon alters antioxidant activities of soybean seedlings under salt toxicity. <i>Protoplasma</i> , 2018, 255, 953-962.	1.0	127
1142	Potential of combined Water Sensitive Urban Design systems for salinity treatment in urban environments. <i>Journal of Environmental Management</i> , 2018, 209, 169-175.	3.8	17
1143	Nitrogen nutrition and adaptation of glycophytes to saline environment: a review. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 1181-1206.	1.3	34
1144	Chlorophyll a fluorescence induction: Can just a one-second measurement be used to quantify abiotic stress responses?. <i>Photosynthetica</i> , 2018, 56, 86-104.	0.9	305
1145	Effect of drought and salinity stresses on morphological and physiological characteristics of canola. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 1859-1866.	1.8	34
1146	Mangrove carbon assessment tool: Model development and sensitivity analysis. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 208, 23-35.	0.9	18
1147	Comparative analysis of salt stress, duration and intensity, on the chloroplast ultrastructure and photosynthetic apparatus in <i>Thellungiella salsuginea</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 183, 275-287.	1.7	61
1148	Different tolerance mechanism to alkaline stresses between <i>Populus bolleana</i> and its desert relative <i>Populus euphratica</i> . <i>Plant and Soil</i> , 2018, 426, 349-363.	1.8	11
1149	GmNAC15 overexpression in hairy roots enhances salt tolerance in soybean. <i>Journal of Integrative Agriculture</i> , 2018, 17, 530-538.	1.7	27
1150	Plant distribution along an elevational gradient in a macrotidal salt marsh on the west coast of Korea. <i>Aquatic Botany</i> , 2018, 147, 52-60.	0.8	18
1151	Regulatory mechanism of NaCl stress on photosynthesis and antioxidant capacity mediated by transglutaminase in cucumber (<i>Cucumis sativus</i> L.) seedlings. <i>Scientia Horticulturae</i> , 2018, 235, 294-306.	1.7	32

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1152	Biosynthesis of silver nanoparticles using leaf extract of <i>Satureja hortensis</i> treated with NaCl and its antibacterial properties. <i>Microporous and Mesoporous Materials</i> , 2018, 264, 240-247.	2.2	40
1153	Spermine Pre-Treatment Improves Some Physiochemical Parameters and Sodium Transporter Gene Expression of Pumpkin Seedlings under Salt Stress. <i>Russian Journal of Plant Physiology</i> , 2018, 65, 222-228.	0.5	4
1154	An apple NAC transcription factor enhances salt stress tolerance by modulating the ethylene response. <i>Physiologia Plantarum</i> , 2018, 164, 279-289.	2.6	80
1155	Effects of Salt Stress on Photosynthetic Pigments and Activity of Ribulose-1,5-bisphosphate Carboxylase/Oxygenase in <i>Kalidium foliatum</i> . <i>Russian Journal of Plant Physiology</i> , 2018, 65, 98-103.	0.5	52
1156	Influence of foliar application of polyamines on growth, gas-exchange characteristics, and chlorophyll fluorescence in Bakraii citrus under saline conditions. <i>Photosynthetica</i> , 2018, 56, 731-742.	0.9	46
1157	Effect of high light intensity on the photosynthetic apparatus of two hybrid lines of <i>Paulownia</i> grown on soils with different salinity. <i>Photosynthetica</i> , 2018, 56, 832-840.	0.9	19
1158	An image analysis of TLC patterns for quality control of saffron based on soil salinity effect: A strategy for data (pre)-processing. <i>Food Chemistry</i> , 2018, 239, 831-839.	4.2	38
1159	ACC deaminase-producing bacteria mediated drought and salt tolerance in <i>Capsicum annum</i> . <i>Journal of Plant Nutrition</i> , 2018, 41, 574-583.	0.9	77
1160	Evaluation of two green composts for peat substitution in geranium (<i>Pelargonium zonale</i> L.) cultivation: Effect on plant growth, quality, nutrition, and photosynthesis. <i>Scientia Horticulturae</i> , 2018, 228, 213-221.	1.7	38
1161	Salt stress affects germination, seedling growth and physiological responses differentially in eggplant cultivars (<i>Solanum melongena</i> L.). <i>Scientia Horticulturae</i> , 2018, 228, 56-65.	1.7	78
1162	The effects of silicon on nutrient levels and yields of tomatoes under saline stress in artificial medium culture. <i>Journal of Plant Nutrition</i> , 2018, 41, 123-135.	0.9	6
1163	Silicon (Si): Review and future prospects on the action mechanisms in alleviating biotic and abiotic stresses in plants. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 881-896.	2.9	340
1164	Cascades of Ionic and Molecular Networks Involved in Expression of Genes Underpin Salinity Tolerance in Cotton. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 668-679.	2.8	18
1165	Use of low-voltage direct current electricity treatment to increase phenolics content of postharvest okra: effects of some treatment parameters. <i>International Journal of Food Science and Technology</i> , 2018, 53, 441-448.	1.3	3
1166	Comparative Analysis of the Reaction to Salinity of Different Chickpea (<i>Cicer arietinum</i> L.) Genotypes: A Biochemical, Enzymatic and Transcriptional Study. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 391-402.	2.8	10
1167	Physiological and antioxidant responses of the sabkha biotope halophyte <i>Limonium delicatulum</i> to seasonal changes in environmental conditions. <i>Plant Physiology and Biochemistry</i> , 2018, 123, 180-191.	2.8	33
1168	Decadal shifts in macroalgae assemblages in impacted urban lagoons in Brazil. <i>Ecological Indicators</i> , 2018, 85, 869-877.	2.6	8
1169	Spatial distribution of soil moisture, soil salinity, and root density beneath a cotton field under mulched drip irrigation with brackish and fresh water. <i>Field Crops Research</i> , 2018, 215, 207-221.	2.3	86

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1170	Unraveling physiological, biochemical and molecular mechanisms involved in olive (<i>Olea europaea</i> L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	57
1171	Photosynthetic Responses of a Wheat Mutant (Rht-B1c) with Altered DELLA Proteins to Salt Stress. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 645-656.	2.8	25
1172	Salt stress effects on the photosynthetic electron transport chain in two chickpea lines differing in their salt stress tolerance. <i>Photosynthesis Research</i> , 2018, 136, 291-301.	1.6	52
1173	Species of <i>Ulva</i> (Ulvophyceae, Chlorophyta) as indicators of salinity. <i>Ecological Indicators</i> , 2018, 85, 253-261.	2.6	38
1174	Physiological and biochemical responses of <i>Camellia sinensis</i> to stress associated with <i>Empoasca vitis</i> feeding. <i>Arthropod-Plant Interactions</i> , 2018, 12, 65-75.	0.5	5
1175	Improvement of soybean seedling growth under salinity stress by biopriming of high-vigour seeds with salt-tolerant isolate of <i>Trichoderma harzianum</i> . <i>New Zealand Journal of Crop and Horticultural Science</i> , 2018, 46, 117-132.	0.7	15
1176	Response of four woody species to salinity and water deficit in initial growth phase. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2018, 22, 753-757.	0.4	8
1177	Physiological and structural modifications in snail medic (<i>Medicago scutellata</i> L.) plants exposed to salinity. <i>Acta Biologica Hungarica</i> , 2018, 69, 336-349.	0.7	1
1178	Comparison of the responses to NaCl stress of three tomato introgression lines. <i>Acta Biologica Hungarica</i> , 2018, 69, 464-480.	0.7	6
1179	PHYSIOLOGICAL INDICES AND GROWTH OF "PALUMA"™ GUAVA UNDER SALINE WATER IRRIGATION AND NITROGEN FERTIGATION. <i>Revista Caatinga</i> , 2018, 31, 808-816.	0.3	8
1180	Effects of Spraying Abscisic Acid on Photosynthetic Physiology of Lettuce Seedlings under Salt Stress. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 199, 052011.	0.2	5
1181	Salty fertile lakes: how salinization and eutrophication alter the structure of freshwater communities. <i>Ecosphere</i> , 2018, 9, e02383.	1.0	48
1182	The Common Bean (<i>Phaseolus vulgaris</i>) Basic Leucine Zipper (bZIP) Transcription Factor Family: Response to Salinity Stress in Fertilized and Symbiotic N ₂ -Fixing Plants. <i>Agriculture (Switzerland)</i> , 2018, 8, 160.	1.4	5
1183	The Proteome Response of Salt-Sensitive Rapeseed (<i>Brassica napus</i> L.) Genotype to Salt Stress. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2018, 47, 17-23.	0.5	8
1184	The Influence of Osmotic Stress on Physiological and Biochemical Indices at Garlic (<i>Allium sativum</i> L.) Local Populations. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Food Science and Technology</i> , 2018, 75, 171.	0.1	0
1185	GERMINATION AND INITIAL GROWTH OF <i>Sesbania punicea</i> (Cav.) Benth.: INFLUENCE OF SALINITY, FLOODING AND LIGHT1. <i>Revista Arvore</i> , 2018, 42, .	0.5	0
1186	Physiological and biochemical characterization of rootlets response to salt stress in two <i>Medicago truncatula</i> Gaertn. ecotypes. <i>Plant Root</i> , 2018, 12, 1-10.	0.3	2
1187	Exogenous application of gibberellic acid participates in up-regulation of lipid biosynthesis under salt stress in rice. <i>Theoretical and Experimental Plant Physiology</i> , 2018, 30, 335-345.	1.1	13

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1188	Gas exchange and organic solutes in forage sorghum genotypes grown under different salinity levels. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2018, 22, 231-236.	0.4	9
1189	Reclamation of Saline Sodic Soils with Combined Amendments: Impact on Quinoa Performance and Biological Soil Quality. <i>Sustainability</i> , 2018, 10, 3083.	1.6	39
1190	Exogenous Calcium Supplementation Improves Salinity Tolerance in BRR1 Dhan28; a Salt-Susceptible High-Yielding <i>Oryza Sativa</i> Cultivar. <i>Journal of Crop Science and Biotechnology</i> , 2018, 21, 383-394.	0.7	39
1191	Genome-Wide Identification of microRNAs in Response to Salt/Alkali Stress in <i>Medicago truncatula</i> through High-Throughput Sequencing. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4076.	1.8	30
1192	Screening for Salt Tolerance in Four Local Varieties of <i>Phaseolus lunatus</i> from Spain. <i>Agriculture (Switzerland)</i> , 2018, 8, 201.	1.4	11
1193	Transcriptome Sequence Analysis Elaborates a Complex Defensive Mechanism of Grapevine (<i>Vitis</i>) Tj ETQq1 1 0.784314 rgBT/Overload	1.8	48
1194	iTRAQ-Based Comparative Proteomic Analysis Provides Insights into Molecular Mechanisms of Salt Tolerance in Sugar Beet (<i>Beta vulgaris</i> L.). <i>International Journal of Molecular Sciences</i> , 2018, 19, 3866.	1.8	16
1195	Salt-inducible expression of <i>OsJAZ8</i> improves resilience against salt-stress. <i>BMC Plant Biology</i> , 2018, 18, 311.	1.6	33
1196	<i>Tritipyrum</i> (<i>Triticum durum</i> Æ— <i>Thinopyrum bessarabicum</i>) might be able to provide an economic and stable solution against the soil salinity problem. <i>Australian Journal of Crop Science</i> , 2018, 12, 1159-1168.	0.1	1
1197	The effects of salinity on growth and survival of mangrove seedlings changes with age. <i>Acta Botanica Brasilica</i> , 2018, 32, 37-46.	0.8	63
1198	Enhancement of growth and salt tolerance of rice seedlings by ACC deaminase-producing <i>Burkholderia</i> sp. MTCC 12259. <i>Journal of Plant Physiology</i> , 2018, 231, 434-442.	1.6	82
1199	Vegetation Controls on Dryland Salinity. <i>Geophysical Research Letters</i> , 2018, 45, 11,669.	1.5	25
1200	Effects of four types of sodium salt stress on plant growth and photosynthetic apparatus in sorghum leaves. <i>Journal of Plant Interactions</i> , 2018, 13, 506-513.	1.0	59
1201	<i>Serratia liquefaciens</i> KM4 Improves Salt Stress Tolerance in Maize by Regulating Redox Potential, Ion Homeostasis, Leaf Gas Exchange and Stress-Related Gene Expression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3310.	1.8	109
1202	Exogenous myo-inositol alleviates salinity-induced stress in <i>Malus hupehensis</i> Rehd. <i>Plant Physiology and Biochemistry</i> , 2018, 133, 116-126.	2.8	61
1203	Salinity tolerance and sodium localization in mycorrhizal strawberry plants. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 2782-2792.	0.6	7
1204	Low-frequency electromagnetic treatment of oilfield produced water for reuse in agriculture: effect on water quality, germination, and plant growth. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34380-34391.	2.7	5
1205	Combined effects of NaCl and Cd ²⁺ stress on the photosynthetic apparatus of <i>Thellungiella salsuginea</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 1274-1287.	0.5	24

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1206	Legume plants may facilitate <i>Zanthoxylum bungeanum</i> tolerance to extreme rainfall. <i>Scientific Reports</i> , 2018, 8, 15996.	1.6	2
1207	Modeling the effect of soil physical amendments on reclamation and revegetation success of a saline-sodic soil in a semi-arid environment. <i>Arid Land Research and Management</i> , 2018, 32, 379-406.	0.6	11
1208	Transcriptome analysis reveals complex response of the medicinal/ornamental halophyte <i>Iris halophila</i> Pall. to high environmental salinity. <i>Ecotoxicology and Environmental Safety</i> , 2018, 165, 250-260.	2.9	19
1209	Foliar sprays of salicylic acid and jasmonic acid stimulate H ⁺ -ATPase activity of tonoplast, nutrient uptake and salt tolerance of soybean. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 18-25.	2.9	79
1210	Apple MdERF4 negatively regulates salt tolerance by inhibiting MdERF3 transcription. <i>Plant Science</i> , 2018, 276, 181-188.	1.7	30
1211	Transcript profiling of salt tolerant tobacco mutants generated via mutation breeding. <i>Gene Expression Patterns</i> , 2018, 29, 59-64.	0.3	2
1212	Growth patterns of <i>Phragmites karka</i> under saline conditions depend on the bulk elastic modulus. <i>Crop and Pasture Science</i> , 2018, 69, 535.	0.7	13
1213	Using Humic Substances and Foliar Spray with Moringa Leaf Extract to Alleviate Salinity Stress on Wheat. <i>Handbook of Environmental Chemistry</i> , 2018, , 265-286.	0.2	3
1214	The Induction of Salinity Stress Resistance in Rosemary as Influenced by Salicylic Acid and Jasmonic Acid. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 1761-1773.	0.6	8
1215	Relation between level of autumn dormancy and salt tolerance in lucerne (<i>Medicago sativa</i>). <i>Crop and Pasture Science</i> , 2018, 69, 194.	0.7	2
1216	Inducing drought tolerance in greenhouse grown <i>Juglans regia</i> by imposing controlled salt stress: The role of osmotic adjustment. <i>Scientia Horticulturae</i> , 2018, 239, 181-192.	1.7	30
1217	Photosynthetic, photochemical and osmotic regulation changes in tobacco resistant and susceptible to <i>Alternaria alternata</i> . <i>Tropical Plant Pathology</i> , 2018, 43, 413-421.	0.8	9
1218	Overexpression of gene encoding the key enzyme involved in proline-biosynthesis (PuP5CS) to improve salt tolerance in switchgrass (<i>Panicum virgatum</i> L.). <i>Plant Cell Reports</i> , 2018, 37, 1187-1199.	2.8	57
1219	Drought Stress Effects on Growth, ROS Markers, Compatible Solutes, Phenolics, Flavonoids, and Antioxidant Activity in <i>Amaranthus tricolor</i> . <i>Applied Biochemistry and Biotechnology</i> , 2018, 186, 999-1016.	1.4	204
1220	Effects of foliar applications of nitric oxide and spermidine on chlorophyll fluorescence, photosynthesis and antioxidant enzyme activities of citrus seedlings under salinity stress. <i>Photosynthetica</i> , 2018, 56, 1313-1325.	0.9	70
1221	24-Epibrassinolide; an active brassinolide and its role in salt stress tolerance in plants: A review. <i>Plant Physiology and Biochemistry</i> , 2018, 130, 69-79.	2.8	129
1222	Environmental Controls, Emergent Scaling, and Predictions of Greenhouse Gas (GHG) Fluxes in Coastal Salt Marshes. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2018, 123, 2234-2256.	1.3	47
1223	Silicon improves salt tolerance of <i>Glycyrrhiza uralensis</i> Fisch. by ameliorating osmotic and oxidative stresses and improving phytohormonal balance. <i>Environmental Science and Pollution Research</i> , 2018, 25, 25916-25932.	2.7	32

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1225	Modelling Ca ²⁺ accumulation in soilless zucchini crops: Physiological and agronomical responses. Agricultural Water Management, 2018, 203, 197-206.	2.4	12
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1227	The modulation of various physiochemical changes in <i>Bruguiera cylindrica</i> (L.) Blume affected by high concentrations of NaCl. Acta Physiologiae Plantarum, 2018, 40, 1.	1.0	16
1228	The Effects of NPR1 Dependent Salicylic Acid Change in Increasing Salt Tolerance of Soybean Leaves by Acclimation. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2018, 46, 356-364.	0.5	1
1229	Salicylic acid improves arbuscular mycorrhizal symbiosis, and chickpea growth and yield by modulating carbohydrate metabolism under salt stress. Mycorrhiza, 2018, 28, 727-746.	1.3	51
1230	The Involvement of Different Secondary Metabolites in Salinity Tolerance of Crops. , 2018, , 21-48.		33
1231	Toward Unravelling the Genetic Determinism of the Acquisition of Salt and Osmotic Stress Tolerance Through In Vitro Selection in <i>Medicago truncatula</i> . Methods in Molecular Biology, 2018, 1822, 291-314.	0.4	6
1232	Morpho-physiological and antioxidant response to NaCl-induced stress in in vitro shoots of pomegranate (<i>Punica granatum</i> L.). Acta Physiologiae Plantarum, 2018, 40, 1.	1.0	8
1233	Effect of Silicon on the Tolerance of Wheat (<i>Triticum aestivum</i> L.) to Salt Stress at Different Growth Stages: Case Study for the Management of Irrigation Water. Plants, 2018, 7, 29.	1.6	24
1234	Effect of NaCl concentration and UV-B on lettuce crop in hydroponic system. Acta Horticulturae, 2018, , 51-58.	0.1	1
1235	Variation in Hydrogen Isotope Composition Among Salt Marsh Plant Organic Compounds Highlights Biochemical Mechanisms Controlling Biosynthetic Fractionation. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 2645-2660.	1.3	8
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1237	Plant Growth-Promoting Rhizobacteria (PGPR): Perspective in Agriculture Under Biotic and Abiotic Stress. , 2018, , 333-342.		32
1238	A Tool for the Evaluation of Irrigation Water Quality in the Arid and Semi-Arid Regions. Agronomy, 2018, 8, 23.	1.3	46
1239	Melatonin: A Multifunctional Factor in Plants. International Journal of Molecular Sciences, 2018, 19, 1528.	1.8	148
1240	Nitric Oxide Is Required for Melatonin-Enhanced Tolerance against Salinity Stress in Rapeseed (<i>Brassica napus</i> L.) Seedlings. International Journal of Molecular Sciences, 2018, 19, 1912.	1.8	136
1241	Changes in Photosynthetic Pigments, Total Phenolic Content, and Antioxidant Activity of <i>Salvia coccinea</i> Bucã™hoz Ex Etl. Induced by Exogenous Salicylic Acid and Soil Salinity. Molecules, 2018, 23, 1296.	1.7	41

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1242	Anthocyanins of Coloured Wheat Genotypes in Specific Response to SalStress. <i>Molecules</i> , 2018, 23, 1518.	1.7	55
1243	Lipids From Microalgae. , 2018, , 109-131.		20
1244	Changing relations between proteins and osmolytes: a choice of nature. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20315-20333.	1.3	35
1245	Understanding the Phytohormones Biosynthetic Pathways for Developing Engineered Environmental Stress-Tolerant Crops. , 2018, , 417-450.		9
1246	Responses of Arabica coffee (<i>Coffea arabica</i> L. var. Catuaã) cell suspensions to chemically induced mutagenesis and salinity stress under in vitro culture conditions. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2018, 54, 576-589.	0.9	15
1247	Epibrassinolide Application Regulates Some Key Physio-biochemical Attributes As Well As Oxidative Defense System in Maize Plants Grown Under Saline Stress. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 1244-1257.	2.8	22
1248	Comparison of nutrient uptake and antioxidative response among four Labiatae herb species under salt stress condition. <i>Soil Science and Plant Nutrition</i> , 2018, 64, 589-597.	0.8	16
1249	Lipid productivity in limnetic <i>Chlorella</i> is doubled by seawater added with anaerobically digested effluent from kitchen waste. <i>Biotechnology for Biofuels</i> , 2018, 11, 68.	6.2	36
1250	Saline and Sodic Soils. , 2018, , 255-298.		21
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1255	The ACC deaminase expressing endophyte <i>Pseudomonas</i> spp. Enhances NaCl stress tolerance by reducing stress-related ethylene production, resulting in improved growth, photosynthetic performance, and ionic balance in tomato plants. <i>Plant Physiology and Biochemistry</i> , 2018, 127, 599-607.	2.8	97
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1258	Penconazole alleviates salt-induced damage in safflower (<i>Carthamus tinctorius</i> L.) plants. <i>Journal of Plant Interactions</i> , 2018, 13, 420-427.	1.0	10
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1304	Extending Hyperspectral Imaging for Plant Phenotyping to the UV-Range. <i>Remote Sensing</i> , 2019, 11, 1401.	1.8	33
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1311	Supplemental potassium mediates antioxidant metabolism, physiological processes, and osmoregulation to confer salt stress tolerance in cabbage (<i>Brassica oleracea</i> L.). <i>Horticulture Environment and Biotechnology</i> , 2019, 60, 853-869.	0.7	16
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1352	Pyraclostrobin can mitigate salinity stress in tomato crop. <i>Agricultural Water Management</i> , 2019, 222, 254-264.	2.4	19

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1373	Transcriptomic evaluation of <i>Miscanthus</i> photosynthetic traits to salinity stress. <i>Biomass and Bioenergy</i> , 2019, 125, 123-130.	2.9	16
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1383	An Overview of the Germination Behavior of Halophytes and Their Role in Food Security. , 2019, , 39-61.		1
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1390	Nitrate reductase-dependent nitric oxide is crucial for multi-walled carbon nanotube-induced plant tolerance against salinity. <i>Nanoscale</i> , 2019, 11, 10511-10523.	2.8	60
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1554	Heat shock proteins gene expression and physiological responses in durum wheat (<i>Triticum durum</i>) under salt stress. <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 1599-1608.	1.4	11
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1564	Molecular Markers Improve Abiotic Stress Tolerance in Crops: A Review. <i>Plants</i> , 2020, 9, 1374.	1.6	48
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1573	Regulation of a Cytochrome P450 Gene <i>CYP94B1</i> by WRKY33 Transcription Factor Controls Apoplastic Barrier Formation in Roots to Confer Salt Tolerance. <i>Plant Physiology</i> , 2020, 184, 2199-2215.	2.3	61
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1575	Comparative Studies on the Physiological and Biochemical Responses to Salt Stress of Eggplant (<i>Solanum melongena</i>) and Its Rootstock <i>S. torvum</i> . <i>Agriculture (Switzerland)</i> , 2020, 10, 328.	1.4	18
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1577	Halophytes: A Glimpse of Indian Sundarbans – A World Heritage Site, Its Existing Status, and Sustainability. , 2020, , 1-36.		0
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1579	Timing-dependent effects of salicylic acid treatment on phytohormonal changes, ROS regulation, and antioxidant defense in salinized barley (<i>Hordeum vulgare</i> L.). <i>Scientific Reports</i> , 2020, 10, 13886.	1.6	37
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1581	How to Choose a Hydrological Recovery Mode for Degraded Semiarid Wetland in China? A Case Study on Restoration of <i>Phragmites australis</i> Saline-Alkaline Wetland. <i>Sustainability</i> , 2020, 12, 10103.	1.6	1
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1585	Deciphering rice metabolic flux reprogramming under salinity stress via in silico metabolic modeling. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 3555-3566.	1.9	16
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1587	Ionic responses of bean (<i>Phaseolus vulgaris</i> L.) plants under salinity stress and humic acid applications. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2020, 48, 1317-1331.	0.5	10

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1591	ROS and NO Regulation by Melatonin Under Abiotic Stress in Plants. <i>Antioxidants</i> , 2020, 9, 1078.	2.2	73
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1593	Transcriptome profile analysis of two <i>Vicia faba</i> cultivars with contrasting salinity tolerance during seed germination. <i>Scientific Reports</i> , 2020, 10, 7250.	1.6	23
1594	Salt Stress Mitigating Potential of Halotolerant/Halophilic Plant Growth Promoting. <i>Geomicrobiology Journal</i> , 2020, 37, 663-669.	1.0	19
1595	Mitigating Climate Change for Sugarcane Improvement: Role of Silicon in Alleviating Abiotic Stresses. <i>Sugar Tech</i> , 2020, 22, 741-749.	0.9	67
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1599	Biochar amendment ameliorates soil properties and promotes <i>Miscanthus</i> growth in a coastal saline-alkali soil. <i>Applied Soil Ecology</i> , 2020, 155, 103674.	2.1	121
1600	Pumpkin seed protein hydrolysate treatment alleviates salt stress effects on <i>Phaseolus vulgaris</i> by elevating antioxidant capacity and recovering ion homeostasis. <i>Scientia Horticulturae</i> , 2020, 271, 109495.	1.7	41
1604	Salinity and its tolerance strategies in plants. , 2020, , 47-76.		16
1605	Arginine and salinity stress affect morphology and metabolism of Indian borage (<i>Plectranthus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 182	0.9	7
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1607	Differential response strategies of pomegranate cultivars lead to similar tolerance to increasing salt concentrations. <i>Scientia Horticulturae</i> , 2020, 271, 109441.	1.7	13
1608	Effects of foliar selenium application on some physiological and phytochemical parameters of <i>Vitis vinifera</i> L. cv. Sultana under salt stress. <i>Journal of Plant Nutrition</i> , 2020, 43, 2226-2242.	0.9	30

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1611	Phytohormonal metabolic engineering for abiotic stress in plants: New avenues and future prospects. , 2020, , 543-576.		2
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1613	Cellular mechanism of salinity tolerance in wheat. , 2020, , 55-76.		2
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1615	Comparing transcriptome expression profiles to reveal the mechanisms of salt tolerance and exogenous glycine betaine mitigation in maize seedlings. <i>PLoS ONE</i> , 2020, 15, e0233616.	1.1	25
1616	Exogenous Abscisic Acid Alleviates Harmful Effect of Salt and Alkali Stresses on Wheat Seedlings. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3770.	1.2	29
1617	Agronomic performance of irrigated quinoa in desert areas: Comparing different approaches for early assessment of salinity stress. <i>Agricultural Water Management</i> , 2020, 240, 106205.	2.4	13
1618	<i>Tetragonia tetragonioides</i> (Pallas) Kuntz. as promising salt-tolerant crop in a saline agricultural context. <i>Agricultural Water Management</i> , 2020, 240, 106261.	2.4	14
1619	Salinity responses of inland and coastal neotropical trees species. <i>Plant Ecology</i> , 2020, 221, 695-708.	0.7	5
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1621	Calcium Improves Germination and Growth of Sorghum bicolor Seedlings under Salt Stress. <i>Plants</i> , 2020, 9, 730.	1.6	24
1622	Comparison of the global metabolic responses to UV-B radiation between two medicinal <i>Astragalus</i> species: An integrated metabolomics strategy. <i>Environmental and Experimental Botany</i> , 2020, 176, 104094.	2.0	16
1623	Salicylic acid and thiourea mitigate the salinity and drought stress on physiological traits governing yield in pearl millet- wheat. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2010-2017.	1.8	101
1624	The role of salicylic acid and gibberellin signaling in plant responses to abiotic stress with an emphasis on heavy metals. <i>Plant Signaling and Behavior</i> , 2020, 15, 1777372.	1.2	70
1625	Co-culture of shrimp with commercially important plants: a review. <i>Reviews in Aquaculture</i> , 2020, 12, 2411-2428.	4.6	11
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1629	Comparative Transcriptome Analysis Reveals Molecular Defensive Mechanism of <i>Arachis hypogaea</i> in Response to Salt Stress. <i>International Journal of Genomics</i> , 2020, 2020, 1-13.	0.8	20
1630	Transcriptome sequencing and whole genome expression profiling of hexaploid sweetpotato under salt stress. <i>BMC Genomics</i> , 2020, 21, 197.	1.2	35
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1632	BpTCP7 gene from <i>Betula platyphylla</i> regulates tolerance to salt and drought stress through multiple hormone pathways. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 17-30.	1.2	7
1633	Effect of Salinity Stress on Phenylpropanoid Genes Expression and Related Gene Expression in Wheat Sprout. <i>Agronomy</i> , 2020, 10, 390.	1.3	28
1634	Management of Biotic and Abiotic Stress Affecting Agricultural Productivity Using Beneficial Microorganisms Isolated from Higher Altitude Agro-ecosystems: A Remedy for Sustainable Agriculture. <i>Rhizosphere Biology</i> , 2020, , 113-134.	0.4	1
1635	Effect of Arbuscular Mycorrhizal Fungi (AMF) and Plant Growth-Promoting Bacteria (PGPR) Inoculations on <i>Elaeagnus angustifolia</i> L. in Saline Soil. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 945.	1.3	50
1636	The Effect of Salinity on the Growth of Lavender Species. <i>Water (Switzerland)</i> , 2020, 12, 618.	1.2	15
1637	A Salt Tolerance Evaluation Method for Sunflower (<i>Helianthus annuus</i> L.) at the Seed Germination Stage. <i>Scientific Reports</i> , 2020, 10, 10626.	1.6	37
1638	Seed germination and seedling growth parameters in nine tall fescue varieties under salinity stress. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2020, 70, 485-494.	0.3	14
1639	The distribution and abundance of an unusual resource for koalas (<i>Phascolarctos cinereus</i>) in a sodium-poor environment. <i>PLoS ONE</i> , 2020, 15, e0234515.	1.1	3
1640	Effect of Salinity on Seed Germination and Seedling Development of Sorghum (<i>Sorghum bicolor</i> (L.) Tj ETQq1 1 0.784314 rgBT/Over	1.3	122
1641	Exogenously applied selenium (Se) mitigates the impact of salt stress in <i>Setaria italica</i> L. and <i>Panicum miliaceum</i> L.. <i>Nucleus (India)</i> , 2020, 63, 327-339.	0.9	23
1642	Effects of salinity on sprouting and growth of three submerged macrophytes. <i>Ecohydrology</i> , 2020, 13, e2235.	1.1	3
1643	Investigating the enzymatic and non-enzymatic antioxidant defense by applying iron oxide nanoparticles in <i>Dracocephalum moldavica</i> L. plant under salinity stress. <i>Scientia Horticulturae</i> , 2020, 272, 109537.	1.7	109
1644	Solute strongly impacts freezing under confinement. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	12

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1646	Morphophysiological and Comparative Metabolic Profiling of Purslane Genotypes (<i>Portulaca</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	10
1647	Driving Forces Analysis of Non-structural Carbohydrates for <i>Phragmites australis</i> in Different Habitats of Inland River Wetland. <i>Water (Switzerland)</i> , 2020, 12, 1700.	1.2	3
1648	Effect of Abiotic Stress on Crops. , 0, , .		98
1649	Effects of biochar on soil fertility and crop productivity in arid regions: a review. <i>Arabian Journal of Geosciences</i> , 2020, 13, .	0.6	85
1650	Pyridoxal 5â€²-phosphate enhances the growth and morpho-physiological characteristics of rice cultivars by mitigating the ethylene accumulation under salinity stress. <i>Plant Physiology and Biochemistry</i> , 2020, 154, 782-795.	2.8	14
1651	Effects of ABA and NaCl on physiological responses in selected bryophyte species. <i>Botany</i> , 2020, 98, 639-650.	0.5	8
1652	Transcription Factor CaSBP12 Negatively Regulates Salt Stress Tolerance in Pepper (<i>Capsicum annuum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	10
1653	Algal Response to Metal Oxide Nanoparticles: Analysis of Growth, Protein Content, and Fatty Acid Composition. <i>Bioenergy Research</i> , 2020, 13, 944-954.	2.2	21
1654	The wheat E3 ligase TaPUB26 is a negative regulator in response to salt stress in transgenic <i>Brachypodium distachyon</i> . <i>Plant Science</i> , 2020, 294, 110441.	1.7	16
1655	Melatonin foliar sprays elicit salinity stress tolerance and enhance fruit yield and quality in strawberry (<i>Fragaria Å— ananassa</i> Duch.). <i>Plant Physiology and Biochemistry</i> , 2020, 149, 313-323.	2.8	90
1656	Grafting Tomato as a Tool to Improve Salt Tolerance. <i>Agronomy</i> , 2020, 10, 263.	1.3	63
1657	Physiological and proteomic responses of reactive oxygen species metabolism and antioxidant machinery in mulberry (<i>Morus alba</i> L.) seedling leaves to NaCl and NaHCO ₃ stress. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110259.	2.9	51
1658	Halophyte ion regulation traits support saline adaptation of <i>Lepidium latifolium</i> , <i>L. draba</i> , and <i>L. alyssooides</i> . <i>Plant Ecology</i> , 2020, 221, 295-308.	0.7	4
1659	Use of ecotoxicity assessment for determining reusability of treated marine sediment on terrestrial land. <i>Journal of Soils and Sediments</i> , 2020, 20, 2306-2315.	1.5	5
1660	Overexpression of wheat Î±-mannosidase gene TaMP impairs salt tolerance in transgenic <i>Brachypodium distachyon</i> . <i>Plant Cell Reports</i> , 2020, 39, 653-667.	2.8	6
1661	Silicon Confers Soybean Resistance to Salinity Stress Through Regulation of Reactive Oxygen and Reactive Nitrogen Species. <i>Frontiers in Plant Science</i> , 2019, 10, 1725.	1.7	55
1662	Melatonin facilitates the coordination of cell growth and lipid accumulation in nitrogen-stressed <i>Chlamydomonas reinhardtii</i> for biodiesel production. <i>Algal Research</i> , 2020, 46, 101786.	2.4	25

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1664	Importance of silicon in fruit nutrition: Agronomic and physiological implications. , 2020, , 255-277.		15
1665	Salt stress alleviation through fertilization in fruit crops. , 2020, , 465-480.		4
1666	Physiological characterization of a pepper hybrid rootstock designed to cope with salinity stress. <i>Plant Physiology and Biochemistry</i> , 2020, 148, 207-219.	2.8	18
1667	QTL analysis of salt tolerance in <i>Sorghum bicolor</i> during whole-plant growth stages. <i>Plant Breeding</i> , 2020, 139, 455-465.	1.0	22
1668	Comparison of Biochemical, Anatomical, Morphological, and Physiological Responses to Salinity Stress in Wheat and Barley Genotypes Deferring in Salinity Tolerance. <i>Agronomy</i> , 2020, 10, 127.	1.3	119
1669	Plant-Growth Promoting <i>Bacillus oryzicola</i> YC7007 Modulates Stress-Response Gene Expression and Provides Protection From Salt Stress. <i>Frontiers in Plant Science</i> , 2019, 10, 1646.	1.7	34
1670	Effect of exogenous application of IAA and GA3 on growth, protein content, and antioxidant enzymes of <i>Solanum tuberosum</i> L. grown in vitro under salt stress. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 377-389.	0.9	46
1671	Melatonin plays multifunctional role in horticultural crops against environmental stresses: A review. <i>Environmental and Experimental Botany</i> , 2020, 176, 104063.	2.0	78
1672	Effect of calcium applications on ion accumulation in different organs of pepper plant under salt stress. <i>BIO Web of Conferences</i> , 2020, 17, 00231.	0.1	2
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1676	Selenium and Salt Interactions in Black Gram (<i>Vigna mungo</i> L): Ion Uptake, Antioxidant Defense System, and Photochemistry Efficiency. <i>Plants</i> , 2020, 9, 467.	1.6	36
1677	Sodium Exclusion Affects Seed Yield and Physiological Traits of Wheat Genotypes Grown Under Salt Stress. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1442-1456.	1.7	15
1678	Salinity sensitivity and mycorrhizal responsiveness of polyphenolics in ‘Siam Queen’ basil grown in soilless substrate. <i>Scientia Horticulturae</i> , 2020, 269, 109394.	1.7	6
1679	The tolerance to saline–alkaline stress was dependent on the roots in wheat. <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 947-954.	1.4	25
1680	Inducing salt tolerance in strawberry (<i>Fragaria</i> – <i>ananassa</i> Duch) plants by acetate application. <i>Journal of Plant Nutrition</i> , 2020, 43, 1780-1793.	0.9	7

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1681	Nitrogen Enhances Salt Tolerance by Modulating the Antioxidant Defense System and Osmoregulation Substance Content in <i>Gossypium hirsutum</i> . <i>Plants</i> , 2020, 9, 450.	1.6	43
1682	Silicon in Horticultural Crops: Cross-talk, Signaling, and Tolerance Mechanism under Salinity Stress. <i>Plants</i> , 2020, 9, 460.	1.6	46
1683	Effect of the foliar application of zinc oxide nanoparticles on some biochemical and physiological parameters of <i>Trigonella foenum-graecum</i> under salinity stress. <i>Plant Biosystems</i> , 2021, 155, 267-280.	0.8	33
1684	Biomarker evidence of algal-microbial community changes linked to redox and salinity variation, Upper Devonian Chattanooga Shale (Tennessee, USA). <i>Bulletin of the Geological Society of America</i> , 2021, 133, 409-424.	1.6	25
1685	Correlation Between Vase Life and Biochemical Parameters in Ornamental Sunflower (<i>Helianthus</i>) Growth Regulation, 2021, 40, 179-186.	2.8	4
1686	Comparative effects of nitric oxide and salicylic acid on salinity tolerance in saffron (<i>Crocus</i>)	0.8	19
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1915	Physiological Responses of Halophytes to the Combined Effects of Salinity and Phosphorus Deficiency. , 2021, , 1547-1563.		1
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1991	A Novel β -Hydrolase Gene <i>IbMas</i> Enhances Salt Tolerance in Transgenic Sweetpotato. PLoS ONE, 2014, 9, e115128.	1.1	51
1992	Transcriptome Profiling of Beach Morning Glory (<i>Ipomoea imperati</i>) under Salinity and Its Comparative Analysis with Sweetpotato. PLoS ONE, 2016, 11, e0147398.	1.1	23
1993	Nitrate and Ammonium Contribute to the Distinct Nitrogen Metabolism of <i>Populus simonii</i> during Moderate Salt Stress. PLoS ONE, 2016, 11, e0150354.	1.1	54
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2007	Condutividade elétrica da solução nutritiva para o cultivo do crisântemo em vaso. <i>Revista Brasileira De Ciencia Do Solo</i> , 2010, 34, 747-756.	0.5	6
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2010	Características fisiológicas, nutricionais e rendimento de forrageiras fertigadas com água residual de bovinocultura. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2010, 14, 458-466.	0.4	16
2011	Physiological and biochemical traits as tools to screen sensitive and resistant varieties of tomatoes exposed to salt stress. <i>Brazilian Journal of Plant Physiology</i> , 2012, 24, 281-292.	0.5	25
2012	Morphophysiological responses of young oil palm plants to salinity stress. <i>Pesquisa Agropecuaria Brasileira</i> , 0, 55, .	0.9	7
2013	Crescimento de girassol em função da inoculação de sementes com bactérias endofíticas. <i>Pesquisa Agropecuaria Tropical</i> , 2014, 44, 142-150.	1.0	9
2014	A preliminary study on salt tolerance of some barley genotypes. <i>Sakarya University Journal of Science</i> , 0, , 1-1.	0.3	8
2015	Genome-wide investigation and expression analysis of AP2-ERF gene family in salt tolerant common bean. <i>EXCLI Journal</i> , 2015, 14, 1187-206.	0.5	24
2017	Effect of various soil salinity level on the antioxidant and physiological properties of corn plant (<i>Zea</i>) Tj ETQq1 1 0.784314 rgBT /Over 0,1	0.1	1

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2018	Tuz Stresi Altında Vermikompost Uygulamasının Kâğıtçilik Salatada (<i>Lactuca Sativa</i> Var. <i>Crispa</i>) Makro ve Mikro Element Şerikleri Üzerine Etkisi. Kahramanmaraş Sırtışınmam Üniversitesi Tarım Ve DoÄya Dergisi, 09, .		
2019	Germination and Seedling Growth of <i>Zea mays</i> L. under Different Levels of Sodium Chloride Stress. <i>International Letters of Natural Sciences</i> , 0, 12, 5-15.	1.0	3
2020	Ameliorative Effect of CaCl ₂ on Growth, Membrane Permeability and Nutrient Uptake in <i>Oryza sativa</i> Grown at High NaCl Salinity. <i>International Letters of Natural Sciences</i> , 0, 8, 14-22.	1.0	4
2021	Improvement Salt Tolerance of Safflower Plants by Endophytic Bacteria. <i>Journal of Horticulture and Plant Research</i> , 0, 5, 38-56.	0.0	14
2022	The effects of CaCl ₂ on fruit yield, quality and nutrient contents of tomato under NaCl stress conditions. <i>Eurasian Journal of Soil Science</i> , 2017, 6, 84-84.	0.2	1
2023	Impact of Seed Priming on Proline Content and Antioxidant Enzymes to Mitigate Drought Stress in Rice Genotype. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2017, 6, 2459-2466.	0.0	13
2024	Osmotolerant Plant Growth Promoting Bacterial Inoculation Enhances the Antioxidant Enzyme Levels of Tomato Plants Under Water Stress Conditions. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2018, 7, 2824-2833.	0.0	7
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2026	Mitigation of Salt Stress in Lettuce (<i>Lactuca sativa</i> L. var. <i>Crispa</i>) by Seed and Foliar 24-epibrassinolide Treatments. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012, 47, 631-636.	0.5	46
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2028	Response of Blackberry Cultivars to Fertilizer Source during Establishment in an Organic Fresh Market Production System. <i>HortTechnology</i> , 2015, 25, 277-292.	0.5	15
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2030	Isolation and molecular characterization of a novel Na ⁺ /H ⁺ antiporter gene, <i>AINHX2</i> , from <i>Aeluropus littoralis</i> and comparison of <i>AINHX1</i> and <i>AINHX2</i> . <i>Plant OMICS</i> , 2016, 9, 205-212.	0.4	5
2031	MINIMIZING THE EFFECT OF SOIL SALINITY ON FENNEL PLANT USING CYANOBACTERIA AND COMPOST. <i>Journal of Productivity and Development</i> , 2016, 21, 153-178.	0.0	4
2032	Effect of Nano Chitosan on Growth, Physiological and Biochemical Parameters of <i>Phaseolus vulgaris</i> under Salt Stress. <i>Journal of Plant Production</i> , 2017, 8, 577-585.	0.0	38
2033	Looking at Halophytic Adaptation to High Salinity Through Genomics Landscape. <i>Current Genomics</i> , 2017, 18, 542-552.	0.7	42
2036	Evaluation of performance of different barley genotypes irrigated with saline water in South Tunisian Saharan conditions. <i>Environmental and Experimental Biology</i> , 2016, 14, 15-21.	0.3	8
2037	Effects of mixed saline and alkaline stress on the morphology and anatomy of <i>Pisum sativum</i> L.: The role of peroxidase and ascorbate oxidase in growth regulation. <i>Archives of Biological Sciences</i> , 2013, 65, 265-278.	0.2	10

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2040	Effect of Salt Stress on Medicinal Plants and its Amelioration by Plant Growth Promoting Microbes. <i>International Journal of Bio-resource and Stress Management</i> , 2017, 8, 316-326.	0.1	6
2041	The Effect of Salinity on Solamargine and Solasonine Contents of <i>Solanum incanum</i> Plants Grown in Oman. <i>MaÇŞallatî ÇŞÄmiÊžatî Al-SuláĀn QĀbĀs Li-l-buá,ĀĀáĀ Al-Êjilmiyyatî Al-ÊžulĀm Wa-al-handasatî</i> , 2017, 19, 1.	0.1	1
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2043	Cultivation of dandelion (<i>Taraxacum erythropodium</i>) on coastal saline land based on the control of salinity and fertilizer. <i>Folia Horticulturae</i> , 2019, 31, 277-284.	0.6	10
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2047	Arbuscular mycorrhizal symbiosis and alleviation of salinity stress. <i>Journal of Applied and Natural Science</i> , 2012, 4, 144-155.	0.2	33
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2051	Oxidative Stress Tolerance Mechanism in Rice under Salinity. <i>Phyton</i> , 2020, 89, 497-517.	0.4	14
2052	Effects of methyl jasmonate on growth, antioxidants, and carbon and nitrogen metabolism of <i>Glycyrrhiza uralensis</i> under salt stress. <i>Biologia Plantarum</i> , 2019, 63, 89-96.	1.9	13
2053	Exogenous spermidine enhances expression of Calvin cycle genes and photosynthetic efficiency in sweet sorghum seedlings under salt stress. <i>Biologia Plantarum</i> , 0, , .	1.9	6
2054	Nitric oxide mediated mechanisms adopted by plants to cope with salinity. <i>Biologia Plantarum</i> , 0, 64, 512-518.	1.9	21
2055	Exogenous melatonin enhances salt stress tolerance in tomato seedlings. <i>Biologia Plantarum</i> , 0, 64, 604-615.	1.9	50
2056	Allocation pattern, photosynthetic performance and sugar metabolism in hydroponically grown seedlings of loquat (<i>Eriobotrya japonica</i> Lindl.) subjected to salinity. <i>Photosynthetica</i> , 2019, 57, 258-267.	0.9	11

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2061	Towards a Sustainable Agriculture: Strategies Involving Phytoprotectants against Salt Stress. <i>Agronomy</i> , 2020, 10, 194.	1.3	41
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2066	Cloning and Salt-tolerance Analysis of Gene <>Plastid Transcriptionally Ac-tive</> (<>ChPTAC</>) from <>Gossypium hirsutum</> L. <i>Acta Agronomica Sinica</i> (China), 2011, 37, 1551-1558.	0.1	3
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2068	Physiological and antioxidant response of three cultivars of cucumber (<i>Cucumis sativus</i> L.) to salinity. <i>Turkish Journal of Biology</i> , 0, , .	2.1	11
2069	Influence of salinity on the growth and heavy metal accumulation capacity of <i>Spirodela polyrrhiza</i> (Lemnaceae). <i>Turkish Journal of Biology</i> , 0, , .	2.1	8
2070	Zinc alleviates salt stress and increases antioxidant enzyme activity in the leaves of pistachio (<i>Pistacia</i>) Tj ETQq1 1 0.784314 rgBT /Over <i>Forestry</i> , 0, , .	0.8	38
2071	Effect of foliar applied kinetin and indole acetic acid on maize plants grown under saline conditions. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 0, , .	0.8	22
2072	Effect of plant growth-promoting bacteria and arbuscular mycorrhizal fungi on lipid peroxidation and total phenolics of strawberry (<i>Fragaria Ā– ananassa Ā–San AndreasĀ–™</i>) under salt stress. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2015, 39, 992-998.	0.8	10
2073	Comparative Studies in Salinity Tolerance Between New Zealand Spinach (<i>Tetragonia tetragonioides</i>) and Chard (<i>Beta vulgaris</i>) to Salt Stress. <i>Agricultural Journal</i> , 2010, 5, 19-24.	0.1	7
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2076	Response of Pea Plants to Natural Bio-stimulants Under Soil Salinity Stress. <i>American Journal of Plant Physiology</i> , 2016, 12, 28-37.	0.2	7
2077	Proteomic Analysis of Salinity Stress-responsive Proteins in Plants. <i>Asian Journal of Plant Sciences</i> , 2010, 9, 307-313.	0.2	24
2078	Pretreatment with Spermidine Reverses Inhibitory Effects of Salt Stress in Two Rice (<i>Oryza sativa</i> L.) Cultivars Differing in Salinity Tolerance. <i>Asian Journal of Plant Sciences</i> , 2011, 10, 245-254.	0.2	26
2079	Assessing Five Citrus Rootstocks for NaCl Salinity Tolerance Using Mineral Concentrations, Proline and Relative Water Contents as Indicators. <i>Asian Journal of Plant Sciences</i> , 2014, 14, 20-26.	0.2	7
2080	The Effect of Salinity and Fertilizer Applications on Leaf Nutrient Status and Some Quality Characteristics of <i>Ficus benjamina</i> . <i>International Journal of Botany</i> , 2006, 2, 107-112.	0.2	4
2081	The Effect of Salinity on Gas Exchange on Different Developmental Stages of Mung Bean (<i>Vigna radiata</i>) Tj ETQq0 0,0 rgBT /Overlock 10	0,2	6
2082	Olive Mill Wastewaters: Diversity of the Fatal Product in Olive Oil Industry and its Valorisation as Agronomical Amendment of Poor Soils: A Review. <i>Journal of Agronomy</i> , 2008, 8, 1-13.	0.4	24
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2084	Growth, Biochemical Constituents, Micronutrient Uptake and Yield Response of six Tomato (<i>Lycopersicon esculentum</i> L.) Cultivars Grown under Salinity Stress. <i>Journal of Agronomy</i> , 2016, 15, 58-67.	0.4	11
2085	Effect of Different Levels of Salinity Stress on Growth and Morphological Characteristic of Two Legumes. <i>Journal of Biological Sciences</i> , 2008, 8, 984-992.	0.1	1
2086	Effect of Salinity and Wytch Farm Crude Oil on <i>Paspalum conjugatum</i> Bergius (Sour Grass). <i>Journal of Biological Sciences</i> , 2010, 10, 122-130.	0.1	3
2087	Impact of Salinity and Light Intensity Stress on B Vitamins Content in Marine Diatom <i>Skeletonema costatum</i> . <i>Journal of Fisheries and Aquatic Science</i> , 2016, 12, 22-28.	0.1	1
2088	Comparative Study of Vegetative Morphology and the Existing Taxonomic Status of <i>Aloe vera</i> L.. <i>Journal of Plant Sciences</i> , 2007, 2, 558-563.	0.2	32
2089	Response of Tomato Plant Under Salt Stress: Role of Exogenous Calcium. <i>Journal of Plant Sciences</i> , 2015, 10, 222-233.	0.2	33
2090	Morphological Characteristics of Different Mastic Tree (<i>Pistacia lentiscus</i> L.) Accessions in Response to Salt Stress under Nursery Conditions. <i>Journal of Plant Sciences</i> , 2016, 11, 75-80.	0.2	3
2091	Enhancing Salinity Tolerance in Brinjal Plants by Application of Salicylic Acid. <i>Journal of Plant Sciences</i> , 2016, 12, 46-51.	0.2	6
2092	Amiloride Inhibition of Vacuolar Na ⁺ /H ⁺ Antiporter Enhance Salt Stress in <i>Zea mays</i> L. Seedlings. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 2020-2024.	0.2	1

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2110	Effects of Salt Stress on Dry Matter, Glucose, Minerals Content and Composition in Potato (Solanum) Tj ETQq0 0 0,rgBT /Overlock 10 TF	0.0	2
2111	Survival percentage, photosynthetic abilities and growth characters of two indica rice (Oryza sativa) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF	0.3	19
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2277	Different Effects of Penconazole on Enzymatic and Non-enzymatic Antioxidants of Sesame (<i>Sesamum</i>) Tj ETQq1 1 0.784314 ggBT /Over	0.1	0

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2327	Tuzluluk Stresi altında <i>Lathyrus sativus</i> L.'nin Ađimlenme ve BÄ¼yÄ¼mesini Ä°yileÄ°tirmede, Salisilik Asit ile Tohum Priming UygulamasÄ±. <i>Yuzuncu Yil University Journal of Agricultural Sciences</i> , 2020, 30, 68-79.	0.1	2
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2426	Salinity Tolerance in a Synthetic Allotetraploid Wheat (SISIAA) Is Similar to Its Higher Tolerant Parent <i>Aegilops longissima</i> (SISl) and Linked to Flavonoids Metabolism. <i>Frontiers in Plant Science</i> , 2022, 13, 835498.	1.7	2
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2441	Effects of Sequential Hydrogen Peroxide Applications on Salt Stress Tolerance in Bread Wheat Varieties. <i>Tarim Bilimleri Dergisi</i> , 0, , .	0.4	1
2442	Investigation of The Roles of Hydrogen Peroxide and NADPH Oxidase in The Regulation of Polyamine Metabolism in Maize Plants under Drought Stress Conditions. <i>Tarim Bilimleri Dergisi</i> , 0, , .	0.4	0
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2527	Breeding Chickpea for Climate Resilience: An Overview. , 2022, , 27-58.		1
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2555	Reconnoitering bionanomaterials for mitigation of abiotic stress in plants. , 2022, , 101-126.		0
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2560	Effects of Salinity Stress at Reproductive Growth Stage on Rice (<i>Oryza sativa</i> L.) Composition, Starch Structure, and Physicochemical Properties. Frontiers in Nutrition, 0, 9, .	1.6	7
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2562	Responses of Spinach (<i>Spinacia oleracea</i> L.) to Acidic Saline Soils as Affected by Different Amendments. , 0, , .		0
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2565	Microbial amelioration of salinity stress in endangered accessions of Iranian licorice (<i>Glycyrrhiza</i>) Tj ETQq1 1 0.784314 rgBT /Qoverlock 10 Tf 50 6	1.6	12

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2567	How soil salinization and alkalization drive vegetation change in salt-affected inland wetlands. <i>Plant and Soil</i> , 2022, 480, 571-581.	1.8	4
2568	Assessing Silicon-Mediated Growth Performances in Contrasting Rice Cultivars under Salt Stress. <i>Plants</i> , 2022, 11, 1831.	1.6	6
2569	Bacterial Mitigation of Drought Stress in Plants: Current Perspectives and Future Challenges. <i>Current Microbiology</i> , 2022, 79, .	1.0	30
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2574	Reclamation of Salt-Affected Land: A Review. <i>Soil Systems</i> , 2022, 6, 61.	1.0	19
2575	Sweet basil can be grown hydroponically at low phosphorus and high sodium chloride concentration: Effect on plant and nutrient solution management. <i>Scientia Horticulturae</i> , 2022, 304, 111324.	1.7	10
2576	Salt Stress Effects on the Growth, Photosynthesis and Antioxidant Enzyme Activities in Maize (<i>Zea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		
2577	Response of Potted <i>Hebe andersonii</i> to Salinity under an Efficient Irrigation Management. <i>Agronomy</i> , 2022, 12, 1696.	1.3	2
2578	TiO ₂ Nanoparticle Improve Germination and Seedling Parameters and Enhance Tolerance of Bitter Vetch (<i>Vicia ervilia</i> L.) Plants under Salinity and Drought Stress. <i>Nanobiotechnology Reports</i> , 2022, 17, 411-419.	0.2	1
2579	Screening of salt tolerance traits and the salt tolerance evaluation method in <i>Brassica napus</i> at the seed germination stage. <i>Italian Journal of Agronomy</i> , 2022, 17, .	0.4	0
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2582	Exogenous Application of Green Titanium Dioxide Nanoparticles (TiO ₂ NPs) to Improve the Germination, Physiochemical, and Yield Parameters of Wheat Plants under Salinity Stress. <i>Molecules</i> , 2022, 27, 4884.	1.7	12
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2586	Improved physiological and morphological traits of root synergistically enhanced salinity tolerance in rice under appropriate nitrogen application rate. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	14
2587	Comparative genomics reveals the molecular mechanism of salt adaptation for zoysiagrasses. <i>BMC Plant Biology</i> , 2022, 22, .	1.6	5
2588	Integrated omics approaches for flax improvement under abiotic and biotic stress: Current status and future prospects. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	16
2589	Saline-alkali stress tolerance is enhanced by MhPR1 in <i>Malus halliana</i> leaves as shown by transcriptomic analyses. <i>Planta</i> , 2022, 256, .	1.6	4
2590	OsMas1, a novel maspardin protein gene, confers tolerance to salt and drought stresses by regulating ABA signaling in rice. <i>Journal of Integrative Agriculture</i> , 2023, 22, 341-359.	1.7	9
2591	Identification of Alkaline Salt Tolerance Genes in <i>Brassica napus</i> L. by Transcriptome Analysis. <i>Genes</i> , 2022, 13, 1493.	1.0	2
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2595	Transcriptome and Metabolome Analyses Revealed the Response Mechanism of Sugar Beet to Salt Stress of Different Durations. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9599.	1.8	8
2596	Responses of Four Peatland Emergent Macrophytes to Salinity and Short Salinity Pulses. <i>Wetlands</i> , 2022, 42, .	0.7	3
2597	Physio-chemical response of brinjal (<i>Solanum melongena</i> L.) genotypes to soil salinity. <i>Plant Physiology Reports</i> , 2022, 27, 521-537.	0.7	1
2598	Characterization of NAC transcription factor NtNAC028 as a regulator of leaf senescence and stress responses. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	6
2599	Attenuation of Chilling Injury and Improving Antioxidant Capacity of Persimmon Fruit by Arginine Application. <i>Foods</i> , 2022, 11, 2419.	1.9	7
2600	Habitat-adapted heterologous symbiont <i>Salinispora arenicola</i> promotes growth and alleviates salt stress in tomato crop plants. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2
2601	Transcriptome and Metabolome Analyses of Salt Stress Response in Cotton (<i>Gossypium hirsutum</i>) Seed Pretreated with NaCl. <i>Agronomy</i> , 2022, 12, 1849.	1.3	2

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2603	Effects of Exogenous Linoleic Acid on Barley (<i>Hordeum vulgare</i> L.) Seedlings Under Salinity. <i>Journal of the Institute of Science and Technology</i> , 2022, 12, 1790-1800.	0.3	1
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2610	Environment relevant concentrations of lithium influence soybean development via metabolic reprogramming. <i>Journal of Hazardous Materials</i> , 2023, 441, 129898.	6.5	17
2611	Effects of irrigation and nitrogen fertilization on mitigating salt-induced Na ⁺ toxicity and sustaining sea rice growth. <i>Open Life Sciences</i> , 2022, 17, 1165-1173.	0.6	1
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2613	Marigold. , 2022, , 1-23.		0
2614	The Effect of Salinity (NaCl) Stress and Different Magnetic Applications on The Germination of Cucumber Seeds (<i>Cucumis sativus</i> L.). <i>Journal of Tekirdag Agricultural Faculty</i> , 2022, 19, 529-540.	0.2	0
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2616	Impact of starch-based bioplastic on growth and biochemical parameters of basil plants. <i>Science of the Total Environment</i> , 2023, 856, 159163.	3.9	14
2617	Categories of exogenous substances and their effect on alleviation of plant salt stress. <i>European Journal of Agronomy</i> , 2023, 142, 126656.	1.9	16
2618	Comparative Physiological and Transcriptomic Analyses of Two Contrasting Pepper Genotypes under Salt Stress Reveal Complex Salt Tolerance Mechanisms in Seedlings. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9701.	1.8	1
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2758	Abiotic elicitor strategies for improving secondary metabolite production in in vitro cultures of plants. , 2023, , 89-98.		0
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