Stanley Lutts

List of Publications by Year
in descending order

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139 papers	9,491 citations	38720 50 h-index	43868 91 g-index
139 all docs	139 docs citations	139 times ranked	9544 citing authors

#	Article	IF	Citations
1	Title is missing!. Plant Growth Regulation, 2002, 36, 61-70.	1.8	608
2	Silicon and Plants: Current Knowledge and Technological Perspectives. Frontiers in Plant Science, 2017, 8, 411.	1.7	397
3	Hormonal changes in relation to biomass partitioning and shoot growth impairment in salinized tomato (Solanum lycopersicum L.) plants. Journal of Experimental Botany, 2008, 59, 4119-4131.	2.4	376
4	Insights into the molecular regulation of monolignol-derived product biosynthesis in the growing hemp hypocotyl. BMC Plant Biology, 2018, 18, 1.	1.6	368
5	Response to copper excess in Arabidopsis thaliana: Impact on the root system architecture, hormone distribution, lignin accumulation and mineral profile. Plant Physiology and Biochemistry, 2010, 48, 673-682.	2.8	321
6	Reactive oxygen species and heavy metal stress in plants: Impact on the cell wall and secondary metabolism. Environmental and Experimental Botany, 2019, 161, 98-106.	2.0	302
7	Copper Trafficking in Plants and Its Implication on Cell Wall Dynamics. Frontiers in Plant Science, 2016, 7, 601.	1.7	254
8	Tomato Fruit Development and Metabolism. Frontiers in Plant Science, 2019, 10, 1554.	1.7	254
9	Hormonal changes during salinity-induced leaf senescence in tomato (Solanum lycopersicum L.). Journal of Experimental Botany, 2008, 59, 3039-3050.	2.4	244
10	Sprouted Grains: A Comprehensive Review. Nutrients, 2019, 11, 421.	1.7	228
11	Rootstockâ€mediated changes in xylem ionic and hormonal status are correlated with delayed leaf senescence, and increased leaf area and crop productivity in salinized tomato. Plant, Cell and Environment, 2009, 32, 928-938.	2.8	201
12	Root-synthesized cytokinins improve shoot growth and fruit yield in salinized tomato (Solanum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.4	198
13	How can we take advantage of halophyte properties to cope with heavy metal toxicity in salt-affected areas?. Annals of Botany, 2015, 115, 509-528.	1.4	195
14	Is osmotic adjustment required for water stress resistance in the Mediterranean shrub Atriplex halimus L?. Journal of Plant Physiology, 2004, 161, 1041-1051.	1.6	178
15	Putrescine differently influences the effect of salt stress on polyamine metabolism and ethylene synthesis in rice cultivars differing in salt resistance. Journal of Experimental Botany, 2010, 61, 2719-2733.	2.4	156
16	An inland and a coastal population of the Mediterranean xero-halophyte species Atriplex halimus L. differ in their ability to accumulate proline and glycinebetaine in response to salinity and water stress. Journal of Experimental Botany, 2008, 59, 1315-1326.	2.4	155
17	Halophyte Improvement for a Salinized World. Critical Reviews in Plant Sciences, 2010, 29, 329-359.	2.7	151
18	NaCl alleviates polyethylene glycol-induced water stress in the halophyte species Atriplex halimus L.. Journal of Experimental Botany, 2005, 56, 2421-2431.	2.4	146

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19	Heavy Metal Accumulation by the Halophyte Species Mediterranean Saltbush. Journal of Environmental Quality, 2004, 33, 1271-1279.	1.0	144
20	Comparative study of Pb-phytoextraction potential in Sesuvium portulacastrum and Brassica juncea: Tolerance and accumulation. Journal of Hazardous Materials, 2010, 183, 609-615.	6.5	143
21	Osmotic and ionic effects of NaCl on germination, early seedling growth, and ion content of Atriplex halimus (Chenopodiaceae). Canadian Journal of Botany, 2002, 80, 297-304.	1.2	141
22	Deciphering priming-induced improvement of rapeseed (Brassica napus L.) germination through an integrated transcriptomic and proteomic approach. Plant Science, 2015, 231, 94-113.	1.7	134
23	Enhanced expression of the proline synthesis gene P5CSA in relation to seed osmopriming improvement of Brassica napus germination under salinity stress. Journal of Plant Physiology, 2015, 183, 1-12.	1.6	130
24	Effects of Ferrous Iron Toxicity on the Growth and Mineral Composition of an Interspecific Rice. Journal of Plant Nutrition, 2005, 28, 1-20.	0.9	124
25	Salinity and water stress have contrasting effects on the relationship between growth and cell viability during and after stress exposure in durum wheat callus. Plant Science, 2004, 167, 9-18.	1.7	115
26	Seed Priming: New Comprehensive Approaches for an Old Empirical Technique. , 0, , .		114
27	Salt stress effects on roots and leaves of Atriplex halimus L. and their corresponding callus cultures. Plant Science, 1998, 137, 131-142.	1.7	110
28	Mucilage and polysaccharides in the halophyte plant species Kosteletzkya virginica: Localization and composition in relation to salt stress. Journal of Plant Physiology, 2010, 167, 382-392.	1.6	105
29	Combined transcriptomic and physiological approaches reveal strong differences between shortâ€•and longâ€•term response of rice (Oryza sativa) to iron toxicity. Plant, Cell and Environment, 2012, 35, 1837-1859.	2.8	103
30	Short term signaling responses in roots of young soybean seedlings exposed to cadmium stress. Journal of Plant Physiology, 2013, 170, 1585-1594.	1.6	98
31	Root-targeted biotechnology to mediate hormonal signalling and improve crop stress tolerance. Plant Cell Reports, 2011, 30, 807-823.	2.8	96
32	The Solanum lycopersicum WRKY3 Transcription Factor SlWRKY3 Is Involved in Salt Stress Tolerance in Tomato. Frontiers in Plant Science, 2017, 8, 1343.	1.7	89
33	<scp>SlDREB2</scp>, a tomato dehydrationâ€•responsive elementâ€•binding 2 transcription factor, mediates salt stress tolerance in tomato and <scp>A</scp>rabidopsis. Plant, Cell and Environment, 2016, 39, 62-79.	2.8	85
34	Use of MSAP Markers to Analyse the Effects of Salt Stress on DNA Methylation in Rapeseed (Brassica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	84
35	QTL mapping for biomass and physiological parameters linked to resistance mechanisms to ferrous iron toxicity in rice. Euphytica, 2009, 167, 143-160.	0.6	81
36	Variation in response to heavy metals during vegetative growth in Dorycnium pentaphyllum Scop.. Plant Growth Regulation, 2009, 59, 1-11.	1.8	77

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37	Differential cadmium and zinc distribution in relation to their physiological impact in the leaves of the accumulating <scp>Z</scp>ygophyllum fabagoâ€¦<scp>L</scp>.. Plant, Cell and Environment, 2014, 37, 1299-1320.	2.8	75
38	Implication of organic acids in the long-distance transport and the accumulation of lead in Sesuvium portulacastrum and Brassica juncea. Chemosphere, 2013, 90, 1449-1454.	4.2	74
39	Tomato (Solanum lycopersicum L.) SlIPT3 and SlIPT4 isopentenyltransferases mediate salt stress response in tomato. BMC Plant Biology, 2015, 15, 85.	1.6	73
40	Antioxidant enzyme activities and hormonal status inÂresponse to Cd stress in the wetland halophyte Kosteletzkya virginica under saline conditions. Physiologia Plantarum, 2013, 147, 352-368.	2.6	72
41	Does Salicylic Acid (SA) Improve Tolerance to Salt Stress in Plants? A Study of SA Effects On Tomato Plant Growth, Water Dynamics, Photosynthesis, and Biochemical Parameters. OMICS A Journal of Integrative Biology, 2016, 20, 180-190.	1.0	72
42	Ethylene production by leaves of rice (Oryza sativa L.) in relation to salinity tolerance and exogenous putrescine application. Plant Science, 1996, 116, 15-25.	1.7	70
43	Effects of iron toxicity on osmotic potential, osmolytes and polyamines concentrations in the African rice (Oryza glaberrima Steud.). Plant Science, 2007, 173, 96-105.	1.7	69
44	Salicylic acid differently impacts ethylene and polyamine synthesis in the glycophyte Solanum lycopersicum and the wildâ€related halophyte Solanum chilense exposed to mild salt stress. Physiologia Plantarum, 2016, 158, 152-167.	2.6	68
45	Do exogenous polyamines have an impact on the response of a salt-sensitive rice cultivar to NaCl?. Journal of Plant Physiology, 2006, 163, 506-516.	1.6	65
46	Comparison of EDTA-enhanced phytoextraction and phytostabilisation strategies with Lolium perenne on a heavy metal contaminated soil. Chemosphere, 2011, 85, 1290-1298.	4.2	65
47	Studying Secondary Growth and Bast Fiber Development: The Hemp Hypocotyl Peeks behind the Wall. Frontiers in Plant Science, 2016, 7, 1733.	1.7	62
48	Impact of salinity on early reproductive physiology of tomato (Solanum lycopersicum) in relation to a heterogeneous distribution of toxic ions in flower organs. Functional Plant Biology, 2009, 36, 125.	1.1	61
49	Transcriptional and hormonal regulation of petal and stamen development by STAMENLESS, the tomato (Solanum lycopersicum L.) orthologue to the B-class APETALA3 gene. Journal of Experimental Botany, 2014, 65, 2243-2256.	2.4	55
50	The Solanum lycopersicum Zinc Finger2 Cysteine-2/Histidine-2 Repressor-Like Transcription Factor Regulates Development and Tolerance to Salinity in Tomato and Arabidopsis Â. Plant Physiology, 2014, 164, 1967-1990.	2.3	54
51	Arsenic accumulation and distribution in relation to young seedling growth in Atriplex atacamensis Phil.. Science of the Total Environment, 2011, 412-413, 286-295.	3.9	51
52	Cd and Ni transport and accumulation in the halophyte Sesuvium portulacastrum: implication of organic acids in these processes. Frontiers in Plant Science, 2015, 6, 156.	1.7	51
53	Inhibition of ethylene synthesis reduces salt-tolerance in tomato wild relative species Solanum chilense. Journal of Plant Physiology, 2017, 210, 24-37.	1.6	46
54	Germination under Moderate Salinity Increases Phenolic Content and Antioxidant Activity in Rapeseed (Brassica napus var oleifera Del.) Sprouts. Molecules, 2017, 22, 1377.	1.7	46

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55	Cadmium has contrasting effects on polyethylene glycol â€“ Sensitive and resistant cell lines in the Mediterranean halophyte species Atriplex halimus L.. Journal of Plant Physiology, 2010, 167, 365-374.	1.6	44
56	NaCl differently interferes with Cd and Zn toxicities in the wetland halophyte species Kosteletzkya virginica (L.) Presl.. Plant Growth Regulation, 2012, 68, 97-109.	1.8	44
57	Novel QTLs in an interspecific backcross Oryza sativaÂÃ—ÂOryza glaberrima for resistance to iron toxicity in rice. Euphytica, 2015, 204, 609-625.	0.6	43
58	Phytohormone profiling in relation to osmotic adjustment in NaCl-treated plants of the halophyte tomato wild relative species Solanum chilense comparatively to the cultivated glycophyte Solanum lycopersicum. Plant Science, 2017, 258, 77-89.	1.7	42
59	Identification of fasciclin-like arabinogalactan proteins in textile hemp (Cannabis sativa L.): in silico analyses and gene expression patterns in different tissues. BMC Genomics, 2017, 18, 741.	1.2	41
60	The cytokinin trans-zeatine riboside increased resistance to heavy metals in the halophyte plant species Kosteletzkya pentacarpos in the absence but not in the presence of NaCl. Chemosphere, 2019, 233, 954-965.	4.2	40
61	Assessment of Heavy Metal Bioavailability in Contaminated Soils from a Former Mining Area (La Union,) Tj ETQq1 1 0.784314 rgBT /O	1.1	39
62	Physiological Characterisation of Salt-resistant Rice (Oryza sativa) Somaclones. Australian Journal of Botany, 1999, 47, 835.	0.3	38
63	Seed Priming of Trifolium repens L. Improved Germination and Early Seedling Growth on Heavy Metal-Contaminated Soil. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	38
64	New Insight on Water Status in Germinating Brassica napus Seeds in Relation to Priming-Improved Germination. International Journal of Molecular Sciences, 2019, 20, 540.	1.8	38
65	Long term exogenous putrescine application improves grain yield of a salt-sensitive rice cultivar exposed to NaCl. Plant and Soil, 2007, 291, 225-238.	1.8	35
66	Construction of an integrated map through comparative studies allows the identification of candidate regions for resistance to ferrous iron toxicity in rice. Euphytica, 2015, 203, 59-69.	0.6	35
67	EDTA-enhanced phytoremediation of lead-contaminated soil by the halophyte Sesuvium portulacastrum. Environmental Science and Pollution Research, 2014, 21, 7607-7615.	2.7	33
68	Salinity influences the interactive effects of cadmium and zinc on ethylene and polyamine synthesis in the halophyte plant species Kosteletzkya pentacarpos. Chemosphere, 2018, 209, 892-900.	4.2	33
69	Effects of simultaneous arsenic and iron toxicities on rice (Oryza sativa L.) development, yield-related parameters and As and Fe accumulation in relation to As speciation in the grains. Plant and Soil, 2013, 371, 199-217.	1.8	32
70	Positive impact of vermicompost leachate on salt stress resistance in tomato (Solanum lycopersicum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	32
71	Accumulation and distribution of Zn in the shoots and reproductive structures of the halophyte plant species Kosteletzkya virginica as a function of salinity. Planta, 2013, 238, 441-457.	1.6	31
72	A root chicory <scp>MADS</scp> box sequence and the <scp>A</scp>rabidopsis flowering repressor <scp>FLC</scp> share common features that suggest conserved function in vernalization and deâ€vernalization responses. Plant Journal, 2013, 75, 390-402.	2.8	31

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73	Effects of Salinity on the Response of the Wetland Halophyte Kosteletzkya virginica (L.) Presl. to Copper Toxicity. Water, Air, and Soil Pollution, 2012, 223, 1137-1150.	1.1	30
74	Evaluation of the Cd2+ phytoextraction potential in the xerohalophyte Salsola kali L. and the impact of EDTA on this process. Ecological Engineering, 2013, 60, 309-315.	1.6	29
75	Salinity influences biosorption of heavy metals by the roots of the halophyte plant species Kosteletzkya pentacarpos. Ecological Engineering, 2016, 95, 682-689.	1.6	29
76	Impact of Silicon in Plant Biomass Production: Focus on Bast Fibres, Hypotheses, and Perspectives. Plants, 2017, 6, 37.	1.6	29
77	Salinity influences arsenic resistance in the xerohalophyte Atriplex atacamensis Phil.. Environmental and Experimental Botany, 2016, 126, 32-43.	2.0	27
78	Protein synthesis is differentially required for germination in Poa pratensis and Trifolium repens in the absence or in the presence of cadmium. Plant Growth Regulation, 2010, 61, 205-214.	1.8	26
79	Salinity modifies heavy metals and arsenic absorption by the halophyte plant species Kosteletzkya pentacarpos and pollutant leaching from a polycontaminated substrate.. Ecotoxicology and Environmental Safety, 2019, 182, 109460.	2.9	24
80	Combining -Omics to Unravel the Impact of Copper Nutrition on Alfalfa (Medicago sativa) Stem Metabolism. Plant and Cell Physiology, 2016, 57, 407-422.	1.5	23
81	Enantioselective hydrolysis of racemic 1-phenylethyl acetate by an enzymatic system from fresh vegetables. Industrial Crops and Products, 2013, 42, 380-385.	2.5	22
82	Comparative effects of arsenite (As(III)) and arsenate (As(V)) on whole plants and cell lines of the arsenic-resistant halophyte plant species Atriplex atacamensis. Environmental Science and Pollution Research, 2018, 25, 34473-34486.	2.7	22
83	NaCl and Na2SO4 Salinities Have Different Impact on Photosynthesis and Yield-Related Parameters in Rice (Oryza sativa L.). Agronomy, 2020, 10, 864.	1.3	22
84	Salt stress differently affects growth, water status and antioxidant enzyme activities in Solanum lycopersicum and its wild relative Solanum chilense. Australian Journal of Botany, 2014, 62, 359.	0.3	21
85	High temperatures limit plant growth but hasten flowering in root chicory (Cichorium intybus) independently of vernalisation. Journal of Plant Physiology, 2014, 171, 109-118.	1.6	21
86	Nitrogen Form Alters Hormonal Balance in Salt-treated Tomato (Solanum lycopersicum L.). Journal of Plant Growth Regulation, 2011, 30, 144-157.	2.8	20
87	EFFECTS OF SALINE WATER ON WATER STATUS, YIELD AND FRUIT QUALITY OF WILD (SOLANUM) Tj ETQq1 1 0.784314 rgBT /Ove TOMATOES. Experimental Agriculture, 2012, 48, 573-586.	0.4	20
88	Water stress impact on young seedling growth of Acacia arabica. Acta Physiologiae Plantarum, 2013, 35, 2157-2169.	1.0	20
89	Comparative analysis of Cd and Zn impacts on root distribution and morphology of Lolium perenne and Trifolium repens: implications for phytostabilization. Plant and Soil, 2014, 376, 229-244.	1.8	20
90	Phenolic Content and Antioxidant Activity in Raw and Denatured Aqueous Extracts from Sprouts and Wheatgrass of Einkorn and Emmer Obtained under Salinity. Molecules, 2017, 22, 2132.	1.7	20

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91	Assessment of the preventive effect of vermicompost on salinity resistance in tomato (Solanum) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	19
92	Cadmium tolerance and accumulation in the noxious weed Zygophyllum fabago. Canadian Journal of Botany, 2005, 83, 1655-1662.	1.2	18
93	Polyamines and Their Roles in the Alleviation of Ion Toxicities in Plants. , 2013, , 315-353.		18
94	<b>Effect of salinity and priming on seedling growth in rapeseed (<i>Brassica napus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Agronomy, 2013, 35, .	0.6	18
95	Polyamine and tyramine involvement in NaCl-induced improvement of Cd resistance in the halophyte Inula chrithmoides L.. Journal of Plant Physiology, 2017, 216, 136-144.	1.6	18
96	Silicon reduces cadmium absorption and increases root-to-shoot translocation without impacting growth in young plants of hemp (Cannabis sativa L.) on a short-term basis. Environmental Science and Pollution Research, 2021, 28, 37963-37977.	2.7	18
97	Bolting control by low temperatures in root chicory (Cichorium intybus var. sativum). Field Crops Research, 2005, 94, 76-85.	2.3	17
98	Effect of Genotype on the Sprouting of Pomegranate (Punica granatum L.) Seeds as a Source of Phenolic Compounds from Juice Industry by-Products. Plant Foods for Human Nutrition, 2017, 72, 432-438.	1.4	17
99	NaCl impact on Kosteletzkya pentacarpos seedlings simultaneously exposed to cadmium and zinc toxicities. Environmental Science and Pollution Research, 2018, 25, 17444-17456.	2.7	17
100	Effects of Salt Stress on Fruit Antioxidant Capacity of Wild (Solanum chilense) and Domesticated (Solanum lycopersicum var. cerasiforme) Tomatoes. Agronomy, 2020, 10, 1481.	1.3	17
101	GERMINATION OF UNTREATED AND PRIMED SEEDS IN RAPESEED (<i>BRASSICA) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 T Agriculture, 2012, 48, 238-251.	0.4	16
102	Moderate salt treatment alleviates ultraviolet-B radiation caused impairment in poplar plants. Scientific Reports, 2016, 6, 32890.	1.6	16
103	How do roots of the metal-resistant perennial bush Zygophyllum fabago cope with cadmium and zinc toxicities?. Plant and Soil, 2016, 404, 193-207.	1.8	16
104	The Dynamics of the Cell Wall Proteome of Developing Alfalfa Stems. Biology, 2019, 8, 60.	1.3	16
105	NaCl- and Na2SO4-Induced Salinity Differentially Affect Clay Soil Chemical Properties and Yield Components of Two Rice Cultivars (Oryza sativa L.) in Burundi. Agronomy, 2021, 11, 571.	1.3	16
106	Impact of high temperature on sucrose translocation, sugar content and inulin yield in Cichorium intybus L. var. sativum. Plant and Soil, 2018, 432, 273-288.	1.8	15
107	Effect of NaCl on proline and glycinebetaine metabolism in Kosteletzkya pentacarpos exposed to Cd and Zn toxicities. Plant and Soil, 2019, 441, 525-542.	1.8	15
108	Impact of cadmium and zinc on proteins and cell wall-related gene expression in young stems of hemp (Cannabis sativa L.) and influence of exogenous silicon. Environmental and Experimental Botany, 2021, 183, 104363.	2.0	15

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109	Jasmonic acid to boost secondary growth in hemp hypocotyl. Planta, 2018, 248, 1029-1036.	1.6	14
110	Comparative effects of chloride and sulfate salinities on two contrasting rice cultivars (<i>Oryza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	0.9	14
111	Long-Term Cd Exposure Alters the Metabolite Profile in Stem Tissue of Medicago sativa. Cells, 2020, 9, 2707.	1.8	14
112	Discriminating the impact of Na+ and Clâ˜ in the deleterious effects of salt stress on the African rice species (Oryza glaberrima Steud.). Plant Growth Regulation, 2021, 94, 201-219.	1.8	14
113	Structural Development, Water Status, Pigment Concentrations, and Oxidative Stress of Zygophyllum fabago Seedlings in Relation to Cadmium Distribution in the Shoot Organs. International Journal of Plant Sciences, 2009, 170, 226-236.	0.6	13
114	Tolerance to Water Stress and Shade in the Invasive Impatiens parviflora. International Journal of Plant Sciences, 2015, 176, 848-858.	0.6	13
115	Phosphorus deficiency modifies As translocation in the halophyte plant species Atriplex atacamensis. Ecotoxicology and Environmental Safety, 2017, 139, 344-351.	2.9	13
116	Comparison of Drought and Heat Resistance Strategies among Six Populations of Solanum chilense and Two Cultivars of Solanum lycopersicum. Plants, 2021, 10, 1720.	1.6	13
117	Vermicompost Leachate as a Promising Agent for Priming and Rejuvenation of Salt-Treated Germinating Seeds in Brassica Napus. Communications in Soil Science and Plant Analysis, 2019, 50, 1344-1357.	0.6	11
118	The tolerance of Atriplex halimus L. to environmental stresses. Emirates Journal of Food and Agriculture, 2014, 26, 1081.	1.0	10
119	Ups and downs in alfalfa: Proteomic and metabolic changes occurring in the growing stem. Plant Science, 2015, 238, 13-25.	1.7	10
120	Characteristics and influencing factors of cadmium biosorption by the stem powder of the invasive plant species Solidago canadensis. Ecological Engineering, 2018, 121, 12-18.	1.6	10
121	Growth and physiological effects of single and combined Cu, NaCl, and water stresses on Atriplex atacamensis and A. halimus. Environmental and Experimental Botany, 2020, 169, 103919.	2.0	10
122	Salinity Improves Zinc Resistance in Kosteletzkya pentacarpos in Relation to a Modification in Mucilage and Polysaccharides Composition. International Journal of Environmental Research, 2020, 14, 323-333.	1.1	10
123	Transgenerational Effects of Salt Stress Imposed to Rapeseed (Brassica napus var. oleifera Del.) Plants Involve Greater Phenolic Content and Antioxidant Activity in the Edible Sprouts Obtained from Offspring Seeds. Plants, 2021, 10, 932.	1.6	8
124	Molecular and Biochemical Insights Into Early Responses of Hemp to Cd and Zn Exposure and the Potential Effect of Si on Stress Response. Frontiers in Plant Science, 2021, 12, 711853.	1.7	8
125	Endogenous Polyamines and Ethylene Biosynthesis in Relation to Germination of Osmoprimed Brassica napus Seeds under Salt Stress. International Journal of Molecular Sciences, 2022, 23, 349.	1.8	8
126	Molecular Investigation of the Stem Snap Point in Textile Hemp. Genes, 2017, 8, 363.	1.0	7

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127	Salinity Resistance of Five Amaranth (Amaranthus cruentus) Cultivars at Young Plants Stage. International Journal of Plant & Soil Science, 2017, 14, 1-11.	0.2	7
128	Drought inhibits early seedling establishment of Parkinsonia aculeata L. under low light intensity: a physiological approach. Plant Growth Regulation, 2016, 80, 115-126.	1.8	6
129	Effect of single and combined Cu, NaCl and water stresses on three Atriplex species with phytostabilization potential. South African Journal of Botany, 2020, 131, 161-168.	1.2	6
130	Salinity differently affects antioxidant content and amino acid profile in two cultivars of Amaranthus cruentus differing in salinity tolerance. Journal of the Science of Food and Agriculture, 2021, 101, 6211-6219.	1.7	6
131	Differential effects of sulfate and chloride salinities on rice (Oryza sativa L.) gene expression patterns: A comparative transcriptomic and physiological approach. Current Plant Biology, 2022, 29, 100237.	2.3	6
132	Can vegetative filter strips efficiently trap trace elements during water erosion events? A flume experiment with contaminated sediments. Ecological Engineering, 2014, 68, 60-64.	1.6	5
133	De novo transcriptome assembly of textile hemp from datasets on hypocotyls and adult plants. Data in Brief, 2019, 27, 104790.	0.5	5
134	The Halophyte Species Solanum chilense Dun. Maintains Its Reproduction despite Sodium Accumulation in Its Floral Organs. Plants, 2022, 11, 672.	1.6	5
135	Kosteletzkya pentacarpos: A Potential Halophyte Candidate for Phytoremediation in the Meta(loid)s Polluted Saline Soils. Plants, 2021, 10, 2495.	1.6	4
136	Expression Analysis of Cell Wall-Related Genes in Cannabis sativa: The â€œIns and Outsâ€•of Hemp Stem Tissue Development. Fibers, 2018, 6, 27.	1.8	3
137	Impact of vernalization and heat on flowering induction, development and fertility in root chicory (Cichorium intybus L. var. sativum). Journal of Plant Physiology, 2020, 254, 153272.	1.6	3
138	Inhibitors of Na/H Antiporter and Cation-Chloride-Cotransporters Have Contrasting Effects on Two Cultivars of Oryza glaberrima Steud. Differing in Salinity Resistance. Journal of Soil Science and Plant Nutrition, 0, , 1.	1.7	3
139	Impact of jasmonic acid on lignification in the hemp hypocotyl. Plant Signaling and Behavior, 2019, 14, 1592641.	1.2	2