

# Stanley Lutts

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Differential effects of sulfate and chloride salinities on rice ( <i>Oryza sativa</i> L.) gene expression patterns: A comparative transcriptomic and physiological approach. <i>Current Plant Biology</i> , 2022, 29, 100237.	2.3	6
2	The Halophyte Species <i>Solanum chilense</i> Dun. Maintains Its Reproduction despite Sodium Accumulation in Its Floral Organs. <i>Plants</i> , 2022, 11, 672.	1.6	5
3	Endogenous Polyamines and Ethylene Biosynthesis in Relation to Germination of Osmoprimed <i>Brassica napus</i> Seeds under Salt Stress. <i>International Journal of Molecular Sciences</i> , 2022, 23, 349.	1.8	8
4	NaCl- and Na <sub>2</sub> SO <sub>4</sub> -Induced Salinity Differentially Affect Clay Soil Chemical Properties and Yield Components of Two Rice Cultivars ( <i>Oryza sativa</i> L.) in Burundi. <i>Agronomy</i> , 2021, 11, 571.	1.3	16
5	Silicon reduces cadmium absorption and increases root-to-shoot translocation without impacting growth in young plants of hemp ( <i>Cannabis sativa</i> L.) on a short-term basis. <i>Environmental Science and Pollution Research</i> , 2021, 28, 37963-37977.	2.7	18
6	Impact of cadmium and zinc on proteins and cell wall-related gene expression in young stems of hemp ( <i>Cannabis sativa</i> L.) and influence of exogenous silicon. <i>Environmental and Experimental Botany</i> , 2021, 183, 104363.	2.0	15
7	Discriminating the impact of Na <sup>+</sup> and Cl <sup>-</sup> in the deleterious effects of salt stress on the African rice species ( <i>Oryza glaberrima</i> Steud.). <i>Plant Growth Regulation</i> , 2021, 94, 201-219.	1.8	14
8	Salinity differently affects antioxidant content and amino acid profile in two cultivars of <i>Amaranthus cruentus</i> differing in salinity tolerance. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 6211-6219.	1.7	6
9	Transgenerational Effects of Salt Stress Imposed to Rapeseed ( <i>Brassica napus</i> var. <i>oleifera</i> Del.) Plants Involve Greater Phenolic Content and Antioxidant Activity in the Edible Sprouts Obtained from Offspring Seeds. <i>Plants</i> , 2021, 10, 932.	1.6	8
10	Comparison of Drought and Heat Resistance Strategies among Six Populations of <i>Solanum chilense</i> and Two Cultivars of <i>Solanum lycopersicum</i> . <i>Plants</i> , 2021, 10, 1720.	1.6	13
11	Molecular and Biochemical Insights Into Early Responses of Hemp to Cd and Zn Exposure and the Potential Effect of Si on Stress Response. <i>Frontiers in Plant Science</i> , 2021, 12, 711853.	1.7	8
12	<i>Kosteletzkya pentacarpos</i> : A Potential Halophyte Candidate for Phytoremediation in the Meta(loid)s Polluted Saline Soils. <i>Plants</i> , 2021, 10, 2495.	1.6	4
13	Growth and physiological effects of single and combined Cu, NaCl, and water stresses on <i>Atriplex atacamensis</i> and <i>A. halimus</i> . <i>Environmental and Experimental Botany</i> , 2020, 169, 103919.	2.0	10
14	Positive impact of vermicompost leachate on salt stress resistance in tomato ( <i>Solanum lycopersicum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tt	1.8	32
15	Impact of vernalization and heat on flowering induction, development and fertility in root chicory ( <i>Cichorium intybus</i> L. var. <i>sativum</i> ). <i>Journal of Plant Physiology</i> , 2020, 254, 153272.	1.6	3
16	Effects of Salt Stress on Fruit Antioxidant Capacity of Wild ( <i>Solanum chilense</i> ) and Domesticated ( <i>Solanum lycopersicum</i> var. <i>cerasiforme</i> ) Tomatoes. <i>Agronomy</i> , 2020, 10, 1481.	1.3	17
17	Long-Term Cd Exposure Alters the Metabolite Profile in Stem Tissue of <i>Medicago sativa</i> . <i>Cells</i> , 2020, 9, 2707.	1.8	14
18	Effect of single and combined Cu, NaCl and water stresses on three <i>Atriplex</i> species with phytostabilization potential. <i>South African Journal of Botany</i> , 2020, 131, 161-168.	1.2	6

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19	NaCl and Na <sub>2</sub> SO <sub>4</sub> Salinities Have Different Impact on Photosynthesis and Yield-Related Parameters in Rice ( <i>Oryza sativa</i> L.). <i>Agronomy</i> , 2020, 10, 864.	1.3	22
20	Salinity Improves Zinc Resistance in <i>Kosteletzkya pentacarpos</i> in Relation to a Modification in Mucilage and Polysaccharides Composition. <i>International Journal of Environmental Research</i> , 2020, 14, 323-333.	1.1	10
21	Salinity modifies heavy metals and arsenic absorption by the halophyte plant species <i>Kosteletzkya pentacarpos</i> and pollutant leaching from a polycontaminated substrate.. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109460.	2.9	24
22	Tomato Fruit Development and Metabolism. <i>Frontiers in Plant Science</i> , 2019, 10, 1554.	1.7	254
23	The Dynamics of the Cell Wall Proteome of Developing Alfalfa Stems. <i>Biology</i> , 2019, 8, 60.	1.3	16
24	Effect of NaCl on proline and glycinebetaine metabolism in <i>Kosteletzkya pentacarpos</i> exposed to Cd and Zn toxicities. <i>Plant and Soil</i> , 2019, 441, 525-542.	1.8	15
25	The cytokinin trans-zeatine riboside increased resistance to heavy metals in the halophyte plant species <i>Kosteletzkya pentacarpos</i> in the absence but not in the presence of NaCl. <i>Chemosphere</i> , 2019, 233, 954-965.	4.2	40
26	Vermicompost Leachate as a Promising Agent for Priming and Rejuvenation of Salt-Treated Germinating Seeds in <i>Brassica Napus</i> . <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 1344-1357.	0.6	11
27	Impact of jasmonic acid on lignification in the hemp hypocotyl. <i>Plant Signaling and Behavior</i> , 2019, 14, 1592641.	1.2	2
28	Comparative effects of chloride and sulfate salinities on two contrasting rice cultivars ( <i>Oryza</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3	0.9	14
29	New Insight on Water Status in Germinating <i>Brassica napus</i> Seeds in Relation to Priming-Improved Germination. <i>International Journal of Molecular Sciences</i> , 2019, 20, 540.	1.8	38
30	Sprouted Grains: A Comprehensive Review. <i>Nutrients</i> , 2019, 11, 421.	1.7	228
31	De novo transcriptome assembly of textile hemp from datasets on hypocotyls and adult plants. <i>Data in Brief</i> , 2019, 27, 104790.	0.5	5
32	Reactive oxygen species and heavy metal stress in plants: Impact on the cell wall and secondary metabolism. <i>Environmental and Experimental Botany</i> , 2019, 161, 98-106.	2.0	302
33	NaCl impact on <i>Kosteletzkya pentacarpos</i> seedlings simultaneously exposed to cadmium and zinc toxicities. <i>Environmental Science and Pollution Research</i> , 2018, 25, 17444-17456.	2.7	17
34	Characteristics and influencing factors of cadmium biosorption by the stem powder of the invasive plant species <i>Solidago canadensis</i> . <i>Ecological Engineering</i> , 2018, 121, 12-18.	1.6	10
35	Comparative effects of arsenite (As(III)) and arsenate (As(V)) on whole plants and cell lines of the arsenic-resistant halophyte plant species <i>Atriplex atacamensis</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 34473-34486.	2.7	22
36	Impact of high temperature on sucrose translocation, sugar content and inulin yield in <i>Cichorium intybus</i> L. var. <i>sativum</i> . <i>Plant and Soil</i> , 2018, 432, 273-288.	1.8	15

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37	Assessment of the preventive effect of vermicompost on salinity resistance in tomato ( <i>Solanum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 19	1.0	19
38	Jasmonic acid to boost secondary growth in hemp hypocotyl. <i>Planta</i> , 2018, 248, 1029-1036.	1.6	14
39	Salinity influences the interactive effects of cadmium and zinc on ethylene and polyamine synthesis in the halophyte plant species <i>Kosteletzkya pentacarpos</i> . <i>Chemosphere</i> , 2018, 209, 892-900.	4.2	33
40	Expression Analysis of Cell Wall-Related Genes in <i>Cannabis sativa</i> : The <i>âœœ</i> lns and Outsâœœ of Hemp Stem Tissue Development. <i>Fibers</i> , 2018, 6, 27.	1.8	3
41	Insights into the molecular regulation of monolignol-derived product biosynthesis in the growing hemp hypocotyl. <i>BMC Plant Biology</i> , 2018, 18, 1.	1.6	368
42	Phytohormone profiling in relation to osmotic adjustment in NaCl-treated plants of the halophyte tomato wild relative species <i>Solanum chilense</i> comparatively to the cultivated glycophyte <i>Solanum lycopersicum</i> . <i>Plant Science</i> , 2017, 258, 77-89.	1.7	42
43	Phosphorus deficiency modifies As translocation in the halophyte plant species <i>Atriplex atacamensis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 344-351.	2.9	13
44	Polyamine and tyramine involvement in NaCl-induced improvement of Cd resistance in the halophyte <i>Inula chrithmoides</i> L.. <i>Journal of Plant Physiology</i> , 2017, 216, 136-144.	1.6	18
45	Inhibition of ethylene synthesis reduces salt-tolerance in tomato wild relative species <i>Solanum chilense</i> . <i>Journal of Plant Physiology</i> , 2017, 210, 24-37.	1.6	46
46	Effect of Genotype on the Sprouting of Pomegranate ( <i>Punica granatum</i> L.) Seeds as a Source of Phenolic Compounds from Juice Industry by-Products. <i>Plant Foods for Human Nutrition</i> , 2017, 72, 432-438.	1.4	17
47	Identification of fasciclin-like arabinogalactan proteins in textile hemp ( <i>Cannabis sativa</i> L.): in silico analyses and gene expression patterns in different tissues. <i>BMC Genomics</i> , 2017, 18, 741.	1.2	41
48	Silicon and Plants: Current Knowledge and Technological Perspectives. <i>Frontiers in Plant Science</i> , 2017, 8, 411.	1.7	397
49	Germination under Moderate Salinity Increases Phenolic Content and Antioxidant Activity in Rapeseed ( <i>Brassica napus</i> var <i>oleifera</i> Del.) Sprouts. <i>Molecules</i> , 2017, 22, 1377.	1.7	46
50	Impact of Silicon in Plant Biomass Production: Focus on Bast Fibres, Hypotheses, and Perspectives. <i>Plants</i> , 2017, 6, 37.	1.6	29
51	Molecular Investigation of the Stem Snap Point in Textile Hemp. <i>Genes</i> , 2017, 8, 363.	1.0	7
52	The <i>Solanum lycopersicum</i> WRKY3 Transcription Factor SIWRKY3 Is Involved in Salt Stress Tolerance in Tomato. <i>Frontiers in Plant Science</i> , 2017, 8, 1343.	1.7	89
53	Phenolic Content and Antioxidant Activity in Raw and Denatured Aqueous Extracts from Sprouts and Wheatgrass of Einkorn and Emmer Obtained under Salinity. <i>Molecules</i> , 2017, 22, 2132.	1.7	20
54	Salinity Resistance of Five Amaranth ( <i>Amaranthus cruentus</i> ) Cultivars at Young Plants Stage. <i>International Journal of Plant &amp; Soil Science</i> , 2017, 14, 1-11.	0.2	7

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55	Copper Trafficking in Plants and Its Implication on Cell Wall Dynamics. <i>Frontiers in Plant Science</i> , 2016, 7, 601.	1.7	254
56	Studying Secondary Growth and Bast Fiber Development: The Hemp Hypocotyl Peeks behind the Wall. <i>Frontiers in Plant Science</i> , 2016, 7, 1733.	1.7	62
57	Salicylic acid differently impacts ethylene and polyamine synthesis in the glycophyte <i>Solanum lycopersicum</i> and the wild-related halophyte <i>Solanum chilense</i> exposed to mild salt stress. <i>Physiologia Plantarum</i> , 2016, 158, 152-167.	2.6	68
58	Moderate salt treatment alleviates ultraviolet-B radiation caused impairment in poplar plants. <i>Scientific Reports</i> , 2016, 6, 32890.	1.6	16
59	Salinity influences arsenic resistance in the xerohalophyte <i>Atriplex atacamensis</i> Phil.. <i>Environmental and Experimental Botany</i> , 2016, 126, 32-43.	2.0	27
60	Salinity influences biosorption of heavy metals by the roots of the halophyte plant species <i>Kosteletzkya pentacarpos</i> . <i>Ecological Engineering</i> , 2016, 95, 682-689.	1.6	29
61	<sc>SIDREB2</sc>, a tomato dehydration-responsive element-binding 2 transcription factor, mediates salt stress tolerance in tomato and <sc>A</sc>rabidopsis. <i>Plant, Cell and Environment</i> , 2016, 39, 62-79.	2.8	85
62	Combining -Omics to Unravel the Impact of Copper Nutrition on Alfalfa ( <i>Medicago sativa</i> ) Stem Metabolism. <i>Plant and Cell Physiology</i> , 2016, 57, 407-422.	1.5	23
63	Drought inhibits early seedling establishment of <i>Parkinsonia aculeata</i> L. under low light intensity: a physiological approach. <i>Plant Growth Regulation</i> , 2016, 80, 115-126.	1.8	6
64	How do roots of the metal-resistant perennial bush <i>Zygophyllum fabago</i> cope with cadmium and zinc toxicities?. <i>Plant and Soil</i> , 2016, 404, 193-207.	1.8	16
65	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. <i>OMICS A Journal of Integrative Biology</i> , 2016, 20, 180-190.	1.0	72
66	How can we take advantage of halophyte properties to cope with heavy metal toxicity in salt-affected areas?. <i>Annals of Botany</i> , 2015, 115, 509-528.	1.4	195
67	Enhanced expression of the proline synthesis gene P5CSA in relation to seed osmopriming improvement of <i>Brassica napus</i> germination under salinity stress. <i>Journal of Plant Physiology</i> , 2015, 183, 1-12.	1.6	130
68	Cd and Ni transport and accumulation in the halophyte <i>Sesuvium portulacastrum</i> : implication of organic acids in these processes. <i>Frontiers in Plant Science</i> , 2015, 6, 156.	1.7	51
69	Tomato ( <i>Solanum lycopersicum</i> L.) SLIPT3 and SLIPT4 isopentenyltransferases mediate salt stress response in tomato. <i>BMC Plant Biology</i> , 2015, 15, 85.	1.6	73
70	Ups and downs in alfalfa: Proteomic and metabolic changes occurring in the growing stem. <i>Plant Science</i> , 2015, 238, 13-25.	1.7	10
71	Novel QTLs in an interspecific backcross <i>Oryza sativa</i> — <i>Oryza glaberrima</i> for resistance to iron toxicity in rice. <i>Euphytica</i> , 2015, 204, 609-625.	0.6	43
72	Tolerance to Water Stress and Shade in the Invasive <i>Impatiens parviflora</i> . <i>International Journal of Plant Sciences</i> , 2015, 176, 848-858.	0.6	13

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73	Deciphering priming-induced improvement of rapeseed ( <i>Brassica napus</i> L.) germination through an integrated transcriptomic and proteomic approach. <i>Plant Science</i> , 2015, 231, 94-113.	1.7	134
74	Construction of an integrated map through comparative studies allows the identification of candidate regions for resistance to ferrous iron toxicity in rice. <i>Euphytica</i> , 2015, 203, 59-69.	0.6	35
75	Transcriptional and hormonal regulation of petal and stamen development by STAMENLESS, the tomato ( <i>Solanum lycopersicum</i> L.) orthologue to the B-class APETALA3 gene. <i>Journal of Experimental Botany</i> , 2014, 65, 2243-2256.	2.4	55
76	The tolerance of <i>Atriplex halimus</i> L. to environmental stresses. <i>Emirates Journal of Food and Agriculture</i> , 2014, 26, 1081.	1.0	10
77	Can vegetative filter strips efficiently trap trace elements during water erosion events? A flume experiment with contaminated sediments. <i>Ecological Engineering</i> , 2014, 68, 60-64.	1.6	5
78	EDTA-enhanced phytoremediation of lead-contaminated soil by the halophyte <i>Sesuvium portulacastrum</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 7607-7615.	2.7	33
79	Differential cadmium and zinc distribution in relation to their physiological impact in the leaves of the accumulating <i>Zygophyllum fabago</i> ... <i>Plant, Cell and Environment</i> , 2014, 37, 1299-1320.	2.8	75
80	Comparative analysis of Cd and Zn impacts on root distribution and morphology of <i>Lolium perenne</i> and <i>Trifolium repens</i> : implications for phytostabilization. <i>Plant and Soil</i> , 2014, 376, 229-244.	1.8	20
81	Salt stress differently affects growth, water status and antioxidant enzyme activities in <i>Solanum lycopersicum</i> and its wild relative <i>Solanum chilense</i> . <i>Australian Journal of Botany</i> , 2014, 62, 359.	0.3	21
82	Seed Priming of <i>Trifolium repens</i> L. Improved Germination and Early Seedling Growth on Heavy Metal-Contaminated Soil. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	38
83	The <i>Solanum lycopersicum</i> Zinc Finger2 Cysteine-2/Histidine-2 Repressor-Like Transcription Factor Regulates Development and Tolerance to Salinity in Tomato and <i>Arabidopsis</i> Å. <i>Plant Physiology</i> , 2014, 164, 1967-1990.	2.3	54
84	High temperatures limit plant growth but hasten flowering in root chicory ( <i>Cichorium intybus</i> ) independently of vernalisation. <i>Journal of Plant Physiology</i> , 2014, 171, 109-118.	1.6	21
85	Water stress impact on young seedling growth of <i>Acacia arabica</i> . <i>Acta Physiologiae Plantarum</i> , 2013, 35, 2157-2169.	1.0	20
86	Short term signaling responses in roots of young soybean seedlings exposed to cadmium stress. <i>Journal of Plant Physiology</i> , 2013, 170, 1585-1594.	1.6	98
87	Implication of organic acids in the long-distance transport and the accumulation of lead in <i>Sesuvium portulacastrum</i> and <i>Brassica juncea</i> . <i>Chemosphere</i> , 2013, 90, 1449-1454.	4.2	74
88	Evaluation of the Cd <sup>2+</sup> phytoextraction potential in the xerohalophyte <i>Salsola kali</i> L. and the impact of EDTA on this process. <i>Ecological Engineering</i> , 2013, 60, 309-315.	1.6	29
89	Enantioselective hydrolysis of racemic 1-phenylethyl acetate by an enzymatic system from fresh vegetables. <i>Industrial Crops and Products</i> , 2013, 42, 380-385.	2.5	22
90	Antioxidant enzyme activities and hormonal status in response to Cd stress in the wetland halophyte <i>Kosteletzkya virginica</i> under saline conditions. <i>Physiologia Plantarum</i> , 2013, 147, 352-368.	2.6	72

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91	Effects of simultaneous arsenic and iron toxicities on rice ( <i>Oryza sativa</i> L.) development, yield-related parameters and As and Fe accumulation in relation to As speciation in the grains. <i>Plant and Soil</i> , 2013, 371, 199-217.	1.8	32
92	Polyamines and Their Roles in the Alleviation of Ion Toxicities in Plants. , 2013, , 315-353.		18
93	Accumulation and distribution of Zn in the shoots and reproductive structures of the halophyte plant species <i>Kosteletzkya virginica</i> as a function of salinity. <i>Planta</i> , 2013, 238, 441-457.	1.6	31
94	&lt;b&gt;Effect of salinity and priming on seedling growth in rapeseed (&lt;i&gt;Brassica napus&lt;/i&gt;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 Td (i) Agriculture, 2013, 35, .	0.6	18
95	A root chicory <scp>MADS</scp> box sequence and the <scp>A</scp>rabidopsis flowering repressor <i><scp>FLC</scp></i> share common features that suggest conserved function in vernalization and deâ€vernalization responses. <i>Plant Journal</i> , 2013, 75, 390-402.	2.8	31
96	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 50 507 Td (i) Agriculture, 2012, 48, 238-251.	1.1	84
97	GERMINATION OF UNTREATED AND PRIMED SEEDS IN RAPESEED (<i>BRASSICA) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (i) Agriculture, 2012, 48, 238-251.	0.4	16
98	NaCl differently interferes with Cd and Zn toxicities in the wetland halophyte species <i>Kosteletzkya virginica</i> (L.) Presl.. <i>Plant Growth Regulation</i> , 2012, 68, 97-109.	1.8	44
99	EFFECTS OF SALINE WATER ON WATER STATUS, YIELD AND FRUIT QUALITY OF WILD (<i>SOLANUM) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (i) TOMATOES. <i>Experimental Agriculture</i> , 2012, 48, 573-586.	0.4	20
100	Combined transcriptomic and physiological approaches reveal strong differences between shortâ€and longâ€term response of rice (<i>Oryza sativa</i>) to iron toxicity. <i>Plant, Cell and Environment</i> , 2012, 35, 1837-1859.	2.8	103
101	Effects of Salinity on the Response of the Wetland Halophyte <i>Kosteletzkya virginica</i> (L.) Presl. to Copper Toxicity. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 1137-1150.	1.1	30
102	Arsenic accumulation and distribution in relation to young seedling growth in <i>Atriplex atacamensis</i> Phil.. <i>Science of the Total Environment</i> , 2011, 412-413, 286-295.	3.9	51
103	Comparison of EDTA-enhanced phytoextraction and phytostabilisation strategies with <i>Lolium perenne</i> on a heavy metal contaminated soil. <i>Chemosphere</i> , 2011, 85, 1290-1298.	4.2	65
104	Assessment of Heavy Metal Bioavailability in Contaminated Soils from a Former Mining Area (La Union,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 Td (i) Agriculture, 2012, 48, 238-251.	1.1	39
105	Root-targeted biotechnology to mediate hormonal signalling and improve crop stress tolerance. <i>Plant Cell Reports</i> , 2011, 30, 807-823.	2.8	96
106	Nitrogen Form Alters Hormonal Balance in Salt-treated Tomato ( <i>Solanum lycopersicum</i> L.). <i>Journal of Plant Growth Regulation</i> , 2011, 30, 144-157.	2.8	20
107	Root-synthesized cytokinins improve shoot growth and fruit yield in salinized tomato ( <i>Solanum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (i) Agriculture, 2012, 48, 238-251.	2.4	198
108	Protein synthesis is differentially required for germination in <i>Poa pratensis</i> and <i>Trifolium repens</i> in the absence or in the presence of cadmium. <i>Plant Growth Regulation</i> , 2010, 61, 205-214.	1.8	26



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109	Comparative study of Pb-phytoextraction potential in <i>Sesuvium portulacastrum</i> and <i>Brassica juncea</i> : Tolerance and accumulation. <i>Journal of Hazardous Materials</i> , 2010, 183, 609-615.	6.5	143
110	Response to copper excess in <i>Arabidopsis thaliana</i> : Impact on the root system architecture, hormone distribution, lignin accumulation and mineral profile. <i>Plant Physiology and Biochemistry</i> , 2010, 48, 673-682.	2.8	321
111	Halophyte Improvement for a Salinized World. <i>Critical Reviews in Plant Sciences</i> , 2010, 29, 329-359.	2.7	151
112	Cadmium has contrasting effects on polyethylene glycol " Sensitive and resistant cell lines in the Mediterranean halophyte species <i>Atriplex halimus</i> L.. <i>Journal of Plant Physiology</i> , 2010, 167, 365-374.	1.6	44
113	Mucilage and polysaccharides in the halophyte plant species <i>Kosteletzkya virginica</i> : Localization and composition in relation to salt stress. <i>Journal of Plant Physiology</i> , 2010, 167, 382-392.	1.6	105
114	Putrescine differently influences the effect of salt stress on polyamine metabolism and ethylene synthesis in rice cultivars differing in salt resistance. <i>Journal of Experimental Botany</i> , 2010, 61, 2719-2733.	2.4	156
115	Structural Development, Water Status, Pigment Concentrations, and Oxidative Stress of <i>Zygophyllum fabago</i> Seedlings in Relation to Cadmium Distribution in the Shoot Organs. <i>International Journal of Plant Sciences</i> , 2009, 170, 226-236.	0.6	13
116	QTL mapping for biomass and physiological parameters linked to resistance mechanisms to ferrous iron toxicity in rice. <i>Euphytica</i> , 2009, 167, 143-160.	0.6	81
117	Variation in response to heavy metals during vegetative growth in <i>Dorycnium pentaphyllum</i> Scop.. <i>Plant Growth Regulation</i> , 2009, 59, 1-11.	1.8	77
118	Rootstock-mediated changes in xylem ionic and hormonal status are correlated with delayed leaf senescence, and increased leaf area and crop productivity in salinized tomato. <i>Plant, Cell and Environment</i> , 2009, 32, 928-938.	2.8	201
119	Impact of salinity on early reproductive physiology of tomato ( <i>Solanum lycopersicum</i> ) in relation to a heterogeneous distribution of toxic ions in flower organs. <i>Functional Plant Biology</i> , 2009, 36, 125.	1.1	61
120	Hormonal changes in relation to biomass partitioning and shoot growth impairment in salinized tomato ( <i>Solanum lycopersicum</i> L.) plants. <i>Journal of Experimental Botany</i> , 2008, 59, 4119-4131.	2.4	376
121	An inland and a coastal population of the Mediterranean xero-halophyte species <i>Atriplex halimus</i> L. differ in their ability to accumulate proline and glycinebetaine in response to salinity and water stress. <i>Journal of Experimental Botany</i> , 2008, 59, 1315-1326.	2.4	155
122	Hormonal changes during salinity-induced leaf senescence in tomato ( <i>Solanum lycopersicum</i> L.). <i>Journal of Experimental Botany</i> , 2008, 59, 3039-3050.	2.4	244
123	Effects of iron toxicity on osmotic potential, osmolytes and polyamines concentrations in the African rice ( <i>Oryza glaberrima</i> Steud.). <i>Plant Science</i> , 2007, 173, 96-105.	1.7	69
124	Long term exogenous putrescine application improves grain yield of a salt-sensitive rice cultivar exposed to NaCl. <i>Plant and Soil</i> , 2007, 291, 225-238.	1.8	35
125	Do exogenous polyamines have an impact on the response of a salt-sensitive rice cultivar to NaCl?. <i>Journal of Plant Physiology</i> , 2006, 163, 506-516.	1.6	65
126	Cadmium tolerance and accumulation in the noxious weed <i>Zygophyllum fabago</i> . <i>Canadian Journal of Botany</i> , 2005, 83, 1655-1662.	1.2	18



#	ARTICLE	IF	CITATIONS
127	NaCl alleviates polyethylene glycol-induced water stress in the halophyte species <i>Atriplex halimus</i> L.. <i>Journal of Experimental Botany</i> , 2005, 56, 2421-2431.	2.4	146
128	Bolting control by low temperatures in root chicory ( <i>Cichorium intybus</i> var. <i>sativum</i> ). <i>Field Crops Research</i> , 2005, 94, 76-85.	2.3	17
129	Effects of Ferrous Iron Toxicity on the Growth and Mineral Composition of an Interspecific Rice. <i>Journal of Plant Nutrition</i> , 2005, 28, 1-20.	0.9	124
130	Salinity and water stress have contrasting effects on the relationship between growth and cell viability during and after stress exposure in durum wheat callus. <i>Plant Science</i> , 2004, 167, 9-18.	1.7	115
131	Is osmotic adjustment required for water stress resistance in the Mediterranean shrub <i>Atriplex halimus</i> L?. <i>Journal of Plant Physiology</i> , 2004, 161, 1041-1051.	1.6	178
132	Heavy Metal Accumulation by the Halophyte Species Mediterranean Saltbush. <i>Journal of Environmental Quality</i> , 2004, 33, 1271-1279.	1.0	144
133	Osmotic and ionic effects of NaCl on germination, early seedling growth, and ion content of <i>Atriplex halimus</i> (Chenopodiaceae). <i>Canadian Journal of Botany</i> , 2002, 80, 297-304.	1.2	141
134	Title is missing!. <i>Plant Growth Regulation</i> , 2002, 36, 61-70.	1.8	608
135	Physiological Characterisation of Salt-resistant Rice ( <i>Oryza sativa</i> ) Somaclones. <i>Australian Journal of Botany</i> , 1999, 47, 835.	0.3	38
136	Salt stress effects on roots and leaves of <i>Atriplex halimus</i> L. and their corresponding callus cultures. <i>Plant Science</i> , 1998, 137, 131-142.	1.7	110
137	Ethylene production by leaves of rice ( <i>Oryza sativa</i> L.) in relation to salinity tolerance and exogenous putrescine application. <i>Plant Science</i> , 1996, 116, 15-25.	1.7	70
138	Seed Priming: New Comprehensive Approaches for an Old Empirical Technique. , 0, , .		114
139	Inhibitors of Na/H Antiporter and Cation-Chloride-Cotransporters Have Contrasting Effects on Two Cultivars of <i>Oryza glaberrima</i> Steud. Differing in Salinity Resistance. <i>Journal of Soil Science and Plant Nutrition</i> , 0, , 1.	1.7	3