Edith L Taleisnik

List of Publications by Citations

36 papers	1,126 citations	20 h-index	33 g-index
36 ext. papers	1,249 ext. citations	3.6 avg, IF	3.84 L-index

#	Paper	IF	Citations
36	Reactive oxygen species in the elongation zone of maize leaves are necessary for leaf extension. *Plant Physiology*, **2002**, 129, 1627-32	6.6	209
35	Salt tolerant tomato plants show increased levels of jasmonic acid. *Plant Growth Regulation*, **2003**, 41, 149-158	3.2	151
34	Drought Induces Distinct Growth Response, Protection, and Recovery Mechanisms in the Maize Leaf Growth Zone. *Plant Physiology*, **2015**, 169, 1382-96	6.6	116
33	Oxidative stress indicators as selection tools for salt tolerance. *Plant Breeding*, **2000**, 119, 341-345	2.4	56
32	Water Retention Capacity in Root Segments Differing in the Degree of Exodermis Development. *Annals of Botany*, **1999**, 83, 19-27	4.1	46
31	Decreased reactive oxygen species concentration in the elongation zone contributes to the reduction in maize leaf growth under salinity. *Journal of Experimental Botany*, **2004**, 55, 1383-90	7	44
30	Ion balance in tomato cultivars differing in salt tolerance. I. Sodium and potassium accumulation and fluxes under moderate salinity. *Physiologia Plantarum*, **1994**, 92, 528-534	4.6	44
29	Leaf expansion in grasses under salt stress. *Journal of Plant Physiology*, **2009**, 166, 1123-40	3.6	42
28	Salt Glands in the Poaceae Family and Their Relationship to Salinity Tolerance. *Botanical Review, The*, **2015**, 81, 162-178	3.8	41
27	Effects of salinity on germination and seedling growth of Prosopis flexuosa (D.C.). *Forest Ecology and Management*, **1994**, 63, 347-357	3.9	39
26	Salinity-induced decrease in NADPH oxidase activity in the maize leaf blade elongation zone. *Journal of Plant Physiology*, **2007**, 164, 223-30	3.6	34
25	Why are Chloris gayana leaves shorter in salt-affected plants? Analyses in the elongation zone. *Journal of Experimental Botany*, **2006**, 57, 3945-52	7	30
24	Changes in water relation parameters under osmotic and salt stresses in maize and sorghum. *Physiologia Plantarum*, **1993**, 89, 381-387	4.6	26
23	Reductions in maize root-tip elongation by salt and osmotic stress do not correlate with apoplastic O2*- levels. *Annals of Botany*, **2008**, 102, 551-9	4.1	25
22	Salinity effects on growth and carbon balance in Lycopersicon esculentum and L. pennellii. *Physiologia Plantarum*, **1987**, 71, 213-218	4.6	25
21	Salt Glands in Pappophorum (Poaceae). *Annals of Botany*, **1988**, 62, 383-388	4.1	24
20	Carbon Metabolism Alterations in Sunflower Plants Infected with the Sunflower Chlorotic Mottle Virus. *Journal of Phytopathology*, **2003**, 151, 267-273	1.8	23

19	Tomato root peroxidase isoenzymes: kinetic studies of the coniferyl alcohol peroxidase activity, immunological properties and role in response to salt stress. *Journal of Plant Physiology*, **2001**, 158, 1007-1013	2.6	22
18	Sunflower Chlorotic Mottle Virus in Compatible Interactions with Sunflower: ROS Generation and Antioxidant Response. *European Journal of Plant Pathology*, **2005**, 113, 223-232	2.1	21
17	Changes in water relation parameters under osmotic and salt stresses in maize and sorghum. *Physiologia Plantarum*, **1993**, 89, 381-387	4.6	20
16	Are Sunflower chlorotic mottle virus infection symptoms modulated by early increases in leaf sugar concentration?. *Journal of Plant Physiology*, **2010**, 167, 1137-44	3.6	18
15	Tipburn in salt-affected lettuce (Lactuca sativa L.) plants results from local oxidative stress. *Journal of Plant Physiology*, **2012**, 169, 285-93	3.6	12
14	Determination of reactive oxygen species in salt-stressed plant tissues. *Methods in Molecular Biology*, **2012**, 913, 225-36	1.4	10
13	Elongation growth in leaf blades of Chloris gayana under saline conditions. *Journal of Plant Physiology*, **2003**, 160, 517-22	3.6	10
12	Early responses to Fe-deficiency distinguish Sorghum bicolor genotypes with contrasting alkalinity tolerance. *Environmental and Experimental Botany*, **2018**, 155, 165-176	5.9	10
11	Genetic variability for responses to short- and long-term salt stress in vegetative sunflower plants. *Journal of Plant Nutrition and Soil Science*, **2012**, 175, 882-890	2.3	7
10	Sodium Accumulation in Pappophorum I. Uptake, Transport and Recirculation. *Annals of Botany*, **1989**, 63, 221-228	4.1	6
9	Field hydroponics assessment of salt tolerance in Cenchrus ciliaris (L.): growth, yield, and maternal effect. *Crop and Pasture Science*, **2013**, 64, 631	2.2	5
8	Tissue printing for peroxidases associated with lignification. *Biotechnic and Histochemistry*, **1996**, 71, 258-62	1.8	3
7	Differential response of Trichloris ecotypes from different habitats to drought and salt stress. *Theoretical and Experimental Plant Physiology*, **2020**, 32, 213-229	2.4	3
6	Effect of watertable depth and salinity on growth dynamics of Rhodes grass (Chloris gayana). *Crop and Pasture Science*, **2016**, 67, 881	2.2	3
5	Effects of Amiloride on Sodium Accumulation in Intact Lycopersicon esculentum Plants. *Journal of Plant Physiology*, **1991**, 138, 634-639	3.6	1
4	Salt tolerance in Argentine wheatgrass is related to shoot sodium exclusion. *Crop Science*, **2020**, 60, 2437-2451	2.4	0
3	Plant Tolerance Mechanisms to Soil Salinity Contribute to the Expansion of Agriculture and Livestock Production in Argentina **2021**, 381-397		0
2	Tilting the scale towards Plant Science in Argentina. *Theoretical and Experimental Plant Physiology* , **2015**, 27, 1-5	2.4	

1 Soil Salinization and Sodification as Conditioners of Vegetation and Crops: Physiological Aspects of Plant Response to These Conditions. *Springer Earth System Sciences*, **2021**, 43-54 0.3