

Jie Song

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,223
citations

257101

24
h-index

315357

38
g-index

38
all docs

38
docs citations

38
times ranked

1058
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen Uptake and Distribution in Different Chinese Cabbage Genotypes under Low Nitrogen Stress. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1573.	1.8	5
2	Experimental evidence from <i>Suaeda glauca</i> explains why the species is not naturally distributed in non-saline soils. <i>Science of the Total Environment</i> , 2022, 817, 153028.	3.9	4
3	Positive effects of NaCl on the photoreaction and carbon assimilation efficiency in <i>Suaeda salsa</i> . <i>Plant Physiology and Biochemistry</i> , 2022, 177, 32-37.	2.8	11
4	Analysis of N6-methyladenosine reveals a new important mechanism regulating the salt tolerance of sweet sorghum. <i>Plant Science</i> , 2021, 304, 110801.	1.7	52
5	Role of <i>Suaeda salsa</i> SsNRT2.1 in nitrate uptake under low nitrate and high saline conditions. <i>Plant Physiology and Biochemistry</i> , 2021, 159, 171-178.	2.8	7
6	The role of root-associated microbes in growth stimulation of plants under saline conditions. <i>Land Degradation and Development</i> , 2021, 32, 3471-3486.	1.8	20
7	The positive effect of salinity on nitrate uptake in <i>Suaeda salsa</i> . <i>Plant Physiology and Biochemistry</i> , 2021, 166, 958-963.	2.8	12
8	Casparian bands and suberin lamellae: Key targets for breeding salt tolerant crops?. <i>Environmental and Experimental Botany</i> , 2021, 191, 104600.	2.0	18
9	Adaptation of euhalophyte <i>Suaeda salsa</i> to nitrogen starvation under salinity. <i>Plant Physiology and Biochemistry</i> , 2020, 146, 287-293.	2.8	20
10	Heavy metal tolerance and potential for remediation of heavy metal-contaminated saline soils for the euhalophyte <i>Suaeda salsa</i> . <i>Plant Signaling and Behavior</i> , 2020, 15, 1805902.	1.2	26
11	The expression patterns and putative function of nitrate transporter 2.5 in plants. <i>Plant Signaling and Behavior</i> , 2020, 15, 1815980.	1.2	15
12	Luxury Absorption of Phosphorus Exists in Maize When Intercropping with Legumes or Oilseed Rape—Covering Different Locations and Years. <i>Agronomy</i> , 2019, 9, 314.	1.3	11
13	Analysis of widely targeted metabolites of the euhalophyte <i>Suaeda salsa</i> under saline conditions provides new insights into salt tolerance and nutritional value in halophytic species. <i>BMC Plant Biology</i> , 2019, 19, 388.	1.6	76
14	Photosynthetic characteristics of non-foliar organs in main C ₃ cereals. <i>Physiologia Plantarum</i> , 2019, 166, 226-239.	2.6	31
15	Effect of combined waterlogging and salinity stresses on euhalophyte <i>Suaeda glauca</i> . <i>Plant Physiology and Biochemistry</i> , 2018, 127, 231-237.	2.8	50
16	Physiological and molecular evidence for Na ⁺ and Cl ⁻ exclusion in the roots of two <i>Suaeda salsa</i> populations. <i>Aquatic Botany</i> , 2018, 146, 1-7.	0.8	81
17	NaCl markedly improved the reproductive capacity of the euhalophyte <i>Suaeda salsa</i> . <i>Functional Plant Biology</i> , 2018, 45, 350.	1.1	133
18	Transcriptome analysis of sweet Sorghum inbred lines differing in salt tolerance provides novel insights into salt exclusion by roots. <i>Plant and Soil</i> , 2018, 430, 423-439.	1.8	52

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19	Analysis of storage compounds and inorganic ions in dimorphic seeds of euhalophyte <i>Suaeda salsa</i> . <i>Plant Physiology and Biochemistry</i> , 2018, 130, 511-516.	2.8	35
20	Utilisation of stored lipids during germination in dimorphic seeds of euhalophyte <i>Suaeda salsa</i> . <i>Functional Plant Biology</i> , 2018, 45, 1009.	1.1	26
21	The role of the seed coat in adaptation of dimorphic seeds of the euhalophyte <i>Suaeda salsa</i> to salinity. <i>Plant Species Biology</i> , 2017, 32, 107-114.	0.6	95
22	Transcriptomic profiling of genes in matured dimorphic seeds of euhalophyte <i>Suaeda salsa</i> . <i>BMC Genomics</i> , 2017, 18, 727.	1.2	27
23	Changes in endogenous hormones and seed-coat phenolics during seed storage of two <i>Suaeda salsa</i> populations. <i>Australian Journal of Botany</i> , 2016, 64, 325.	0.3	60
24	Nitric oxide participates in waterlogging tolerance through enhanced adventitious root formation in the euhalophyte <i>Suaeda salsa</i> . <i>Functional Plant Biology</i> , 2016, 43, 244.	1.1	77
25	Effects of salinity and nitrate on production and germination of dimorphic seeds applied both through the mother plant and exogenously during germination in <i>Suaeda salsa</i> . <i>Plant Species Biology</i> , 2016, 31, 19-28.	0.6	92
26	Salinity affects production and salt tolerance of dimorphic seeds of <i>Suaeda salsa</i> . <i>Plant Physiology and Biochemistry</i> , 2015, 95, 41-48.	2.8	119
27	Using euhalophytes to understand salt tolerance and to develop saline agriculture: <i>Suaeda salsa</i> as a promising model. <i>Annals of Botany</i> , 2015, 115, 541-553.	1.4	321
28	<i>Thellungiella halophila</i> is more adaptive to salinity than <i>Arabidopsis thaliana</i> at stages of seed germination and seedling establishment. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 1287-1294.	1.0	56
29	Waterlogging and salinity effects on two <i>Suaeda salsa</i> populations. <i>Physiologia Plantarum</i> , 2011, 141, 343-351.	2.6	110
30	Accumulation of ions during seed development under controlled saline conditions of two <i>Suaeda salsa</i> populations is related to their adaptation to saline environments. <i>Plant and Soil</i> , 2011, 341, 99-107.	1.8	50
31	NaCl increases the activity of the plasma membrane H ⁺ -ATPase in C3 halophyte <i>Suaeda salsa</i> callus. <i>Acta Physiologiae Plantarum</i> , 2010, 32, 27-36.	1.0	70
32	Effects of Salinity and Nitrogen on Growth, Contents of Pigments, and Ion Accumulation of a Euhalophyte <i>Suaeda Salsa</i> in an Intertidal Zone and on Saline Inland. <i>Communications in Soil Science and Plant Analysis</i> , 2010, 41, 88-97.	0.6	15
33	Effects of nitric oxide and nitrogen on seedling emergence, ion accumulation, and seedling growth under salinity in the euhalophyte <i>Suaeda salsa</i> . <i>Journal of Plant Nutrition and Soil Science</i> , 2009, 172, 544-549.	1.1	42
34	Effect of salinity on growth, ion accumulation and the roles of ions in osmotic adjustment of two populations of <i>Suaeda salsa</i> . <i>Plant and Soil</i> , 2009, 314, 133-141.	1.8	100
35	Root morphology is related to the phenotypic variation in waterlogging tolerance of two populations of <i>Suaeda salsa</i> under salinity. <i>Plant and Soil</i> , 2009, 324, 231-240.	1.8	20
36	Ecophysiological responses of the euhalophyte <i>Suaeda salsa</i> to the interactive effects of salinity and nitrate availability. <i>Aquatic Botany</i> , 2009, 91, 311-317.	0.8	39

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37	Effect of salinity on germination, seedling emergence, seedling growth and ion accumulation of a euhalophyte <i>Suaeda salsa</i> in an intertidal zone and on saline inland. <i>Aquatic Botany</i> , 2008, 88, 331-337.	0.8	172
38	Osmotic adjustment traits of <i>Suaeda physophora</i> , <i>Haloxylon ammodendron</i> and <i>Haloxylon persicum</i> in field or controlled conditions. <i>Plant Science</i> , 2006, 170, 113-119.	1.7	73