

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70 papers	2,078 citations	23 h-index	44 g-index
74 ext. papers	2,674 ext. citations	4.1 avg, IF	4.88 L-index

#	Paper	IF	Citations
70	Physiological and molecular mechanisms of plant salt tolerance. <i>Photosynthesis Research</i> , <b>2013</b> , 115, 1-22	3.7	191
69	Mechanisms of sodium uptake by roots of higher plants. <i>Plant and Soil</i> , <b>2010</b> , 326, 45-60	4.2	171
68	Overexpression of the Arabidopsis H <sup>+</sup> -PPase enhanced resistance to salt and drought stress in transgenic alfalfa ( <i>Medicago sativa</i> L.). <i>Plant Science</i> , <b>2009</b> , 176, 232-240	5.3	164
67	Low-affinity Na <sup>+</sup> uptake in the halophyte <i>Suaeda maritima</i> . <i>Plant Physiology</i> , <b>2007</b> , 145, 559-71	6.6	131
66	Sodium chloride improves photosynthesis and water status in the succulent xerophyte <i>Zygophyllum xanthoxylum</i> . <i>Tree Physiology</i> , <b>2012</b> , 32, 4-13	4.2	130
65	<i>Puccinellia tenuiflora</i> maintains a low Na <sup>+</sup> level under salinity by limiting unidirectional Na <sup>+</sup> influx resulting in a high selectivity for K <sup>+</sup> over Na <sup>+</sup> . <i>Plant, Cell and Environment</i> , <b>2009</b> , 32, 486-96	8.4	116
64	Beneficial soil bacterium <i>Bacillus subtilis</i> (GB03) augments salt tolerance of white clover. <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 525	6.2	102
63	Induced growth promotion and higher salt tolerance in the halophyte grass <i>Puccinellia tenuiflora</i> by beneficial rhizobacteria. <i>Plant and Soil</i> , <b>2016</b> , 407, 217-230	4.2	74
62	The ZxNHX gene encoding tonoplast Na <sup>(+)</sup> /H <sup>(+)</sup> antiporter from the xerophyte <i>Zygophyllum xanthoxylum</i> plays important roles in response to salt and drought. <i>Journal of Plant Physiology</i> , <b>2011</b> , 168, 758-67	3.6	63
61	SOS1, HKT1;5, and NHX1 Synergistically Modulate Na Homeostasis in the Halophytic Grass. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 576	6.2	61
60	Augmenting Sulfur Metabolism and Herbivore Defense in Arabidopsis by Bacterial Volatile Signaling. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 458	6.2	55
59	NaCl stimulates growth and alleviates water stress in the xerophyte <i>Zygophyllum xanthoxylum</i> . <i>Journal of Arid Environments</i> , <b>2012</b> , 87, 153-160	2.5	53
58	Ultrastructural and physiological responses of potato ( <i>Solanum tuberosum</i> L.) plantlets to gradient saline stress. <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 787	6.2	49
57	ZxSOS1 is essential for long-distance transport and spatial distribution of Na <sup>+</sup> and K <sup>+</sup> in the xerophyte <i>Zygophyllum xanthoxylum</i> . <i>Plant and Soil</i> , <b>2014</b> , 374, 661-676	4.2	46
56	The Photosynthesis, Na <sup>(+)</sup> /K <sup>(+)</sup> Homeostasis and Osmotic Adjustment of <i>Atriplex canescens</i> in Response to Salinity. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 848	6.2	46
55	Selective transport capacity for K over Na is linked to the expression levels of PtSOS1 in halophyte <i>Puccinellia tenuiflora</i> . <i>Functional Plant Biology</i> , <b>2012</b> , 39, 1047-1057	2.7	43
54	Co-expression of xerophyte <i>Zygophyllum xanthoxylum</i> ZxNHX and ZxVP1-1 enhances salt and drought tolerance in transgenic <i>Lotus corniculatus</i> by increasing cations accumulation. <i>Functional Plant Biology</i> , <b>2014</b> , 41, 203-214	2.7	37

53	Induced Salt Tolerance of Perennial Ryegrass by a Novel Bacterium Strain from the Rhizosphere of a Desert Shrub Haloxylon ammodendron. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	36
52	Transcriptomic analysis of the succulent xerophyte Zygophyllum xanthoxylum in response to salt treatment and osmotic stress. <i>Plant and Soil</i> , <b>2016</b> , 402, 343-361	4.2	31
51	Differentiation of low-affinity Na <sup>+</sup> uptake pathways and kinetics of the effects of K <sup>+</sup> on Na <sup>+</sup> uptake in the halophyte Suaeda maritima. <i>Plant and Soil</i> , <b>2013</b> , 368, 629-640	4.2	28
50	Soil microbe Bacillus subtilis (GB03) induces biomass accumulation and salt tolerance with lower sodium accumulation in wheat. <i>Crop and Pasture Science</i> , <b>2014</b> , 65, 423	2.2	28
49	The inward-rectifying K <sup>+</sup> channel SsAKT1 is a candidate involved in K <sup>+</sup> uptake in the halophyte Suaeda salsa under saline condition. <i>Plant and Soil</i> , <b>2015</b> , 395, 173-187	4.2	25
48	AtHKT1;1 and AtHAK5 mediate low-affinity Na <sup>+</sup> uptake in Arabidopsis thaliana under mild salt stress. <i>Plant Growth Regulation</i> , <b>2015</b> , 75, 615-623	3.2	23
47	Improved Growth and Metabolite Accumulation in Codonopsis pilosula (Franch.) Nannf. by Inoculation of Bacillus amyloliquefaciens GB03. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 8103-8108 <sup>22</sup>	5.7	22
46	Beneficial soil microbe promotes seed germination, plant growth and photosynthesis in herbal crop Codonopsis pilosula. <i>Crop and Pasture Science</i> , <b>2016</b> , 67, 91	2.2	21
45	ZxSKOR is important for salinity and drought tolerance of Zygophyllum xanthoxylum by maintaining K <sup>+</sup> homeostasis. <i>Plant Growth Regulation</i> , <b>2016</b> , 80, 195-205	3.2	20
44	The coordinated regulation of Na and K in Hordeum brevisubulatum responding to time of salt stress. <i>Plant Science</i> , <b>2016</b> , 252, 358-366	5.3	19
43	Synergistic Effects of Bacillus amyloliquefaciens (GB03) and Water Retaining Agent on Drought Tolerance of Perennial Ryegrass. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	19
42	The Effect of AtHKT1;1 or AtSOS1 Mutation on the Expressions of Na <sup>+</sup> or K <sup>+</sup> Transporter Genes and Ion Homeostasis in under Salt Stress. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	16
41	Salicylic acid and kinetin mediated stimulation of salt tolerance in cucumber (Cucumis sativus L.) genotypes varying in salinity tolerance. <i>Horticulture Environment and Biotechnology</i> , <b>2018</b> , 59, 461-471	2	16
40	Antioxidant Capacity Connection with Phenolic and Flavonoid Content in Chinese Medicinal Herbs. <i>Records of Natural Products</i> , <b>2018</b> , 12, 239-250	1.9	16
39	Altererythrobacter soli sp. nov., isolated from desert sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 454-459	2.2	15
38	Biofertilizers with beneficial rhizobacteria improved plant growth and yield in chili (Capsicum annuum L.). <i>World Journal of Microbiology and Biotechnology</i> , <b>2020</b> , 36, 86	4.4	14
37	Sucrose non-ferment 1 related protein kinase 2 (SnRK2) genes could mediate the stress responses in potato (Solanum tuberosum L.). <i>BMC Genetics</i> , <b>2017</b> , 18, 41	2.6	14
36	Dynamic responses of Haloxylon ammodendron to various degrees of simulated drought stress. <i>Plant Physiology and Biochemistry</i> , <b>2019</b> , 139, 121-131	5.4	13

35	High-elevation cultivation increases anti-cancer podophyllotoxin accumulation in Podophyllum hexandrum. <i>Industrial Crops and Products</i> , <b>2018</b> , 121, 338-344	5.9	13
34	Transcriptomic Profiling and Physiological Analysis of Haloxylon ammodendron in Response to Osmotic Stress. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 19,	6.3	12
33	Arabidopsis ANGUSTIFOLIA3 (AN3) is associated with the promoter of CONSTITUTIVE PHOTOMORPHOGENIC1 (COP1) to regulate light-mediated stomatal development. <i>Plant, Cell and Environment</i> , <b>2018</b> , 41, 1645-1656	8.4	11
32	Mapping podophyllotoxin biosynthesis and growth-related transcripts with high elevation in Sinopodophyllum hexandrum. <i>Industrial Crops and Products</i> , <b>2018</b> , 124, 510-518	5.9	11
31	Improved salt tolerance of medicinal plant Codonopsis pilosula by Bacillus amyloliquefaciens GB03. <i>Acta Physiologiae Plantarum</i> , <b>2017</b> , 39, 1	2.6	10
30	Beneficial Rhizobacteria Induce Plant Growth: Mapping Signaling Networks in Arabidopsis. <i>Soil Biology</i> , <b>2011</b> , 403-412	1	10
29	Two PGPR strains from the rhizosphere of Haloxylon ammodendron promoted growth and enhanced drought tolerance of ryegrass. <i>Plant Physiology and Biochemistry</i> , <b>2021</b> , 161, 74-85	5.4	9
28	Cloning and functional characterization of epidermis-specific promoter MtML1 from Medicago truncatula. <i>Journal of Biotechnology</i> , <b>2019</b> , 300, 32-39	3.7	7
27	Degradation of morphine in opium poppy processing waste composting. <i>Bioresource Technology</i> , <b>2014</b> , 168, 235-9	11	7
26	Screening of cold-resistant seedlings of a Chinese wild grape (Vitis piasezkii Maxim var. pagnucii) native to loess plateau of eastern Gansu province, China, as rootstocks. <i>Scientia Horticulturae</i> , <b>2009</b> , 122, 125-128	4.1	7
25	Phytochemical Changes in Aerial Parts of Hypericum perforatum at Different Harvest Stages. <i>Records of Natural Products</i> , <b>2019</b> , 13, 1-9	1.9	7
24	Characteristics of Na <sup>+</sup> uptake in sugar beet (Beta vulgaris L.) seedlings under mild salt conditions. <i>Acta Physiologiae Plantarum</i> , <b>2015</b> , 37, 1	2.6	6
23	Comparison of ultrastructural and physiological changes of potato (Solanum tuberosum L.) plantlets subjected to salt and modeling drought stresses. <i>Acta Physiologiae Plantarum</i> , <b>2016</b> , 38, 1	2.6	6
22	Transcript Profiling and Gene Identification Involved in the Ethylene Signal Transduction Pathways of Creeping Bentgrass (Agrostis stolonifera) during ISR Response Induced by Butanediol. <i>Molecules</i> , <b>2018</b> , 23,	4.8	5
21	Transcriptomic Analysis Revealed the Common and Divergent Responses of Maize Seedling Leaves to Cold and Heat Stresses. <i>Genes</i> , <b>2020</b> , 11,	4.2	5
20	Transcriptomic Profiling Identifies Candidate Genes Involved in the Salt Tolerance of the Xerophyte. <i>Genes</i> , <b>2019</b> , 10,	4.2	5
19	Factors associated with determination of root Na <sup>+</sup> influx in the salt accumulation halophyte Suaeda maritima. <i>Biological Trace Element Research</i> , <b>2011</b> , 139, 108-17	4.5	4
18	sp. nov., isolated from rhizosphere soil of. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 680-686	2.2	4

17	HaASR1 gene cloned from a desert shrub, <i>Haloxylon ammodendron</i> , confers drought tolerance in transgenic <i>Arabidopsis thaliana</i> . <i>Environmental and Experimental Botany</i> , <b>2020</b> , 180, 104251	5.9	4
16	Potential of cadmium resistant <i>Burkholderia contaminans</i> strain ZCC in promoting growth of soy beans in the presence of cadmium. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 211, 111914	7	4
15	Knockdown of MicroRNA160a/b by STTM leads to root architecture changes via auxin signaling in <i>Solanum tuberosum</i> . <i>Plant Physiology and Biochemistry</i> , <b>2021</b> , 166, 939-949	5.4	4
14	<i>Bacillus amyloliquefaciens</i> LZ04 improves the resistance of <i>Arabidopsis thaliana</i> to high calcium stress and the potential role of lncRNA-miRNA-mRNA regulatory network in the resistance. <i>Plant Physiology and Biochemistry</i> , <b>2020</b> , 151, 166-180	5.4	3
13	Synthesis and magnetic properties of CuFe <sub>2</sub> O <sub>4</sub> nanotube arrays. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2012</b> , 27, 550-554	1	3
12	Factors affecting in vitro propagation of a Chinese wild grape ( <i>Vitis piasezkii</i> var. <i>pagnucii</i> ): Shoot production and rhizogenesis. <i>New Zealand Journal of Crop and Horticultural Science</i> , <b>2006</b> , 34, 217-223	0.9	3
11	The impacts of exogenous H <sub>2</sub> O <sub>2</sub> on primary root horizontal bending of pea ( <i>Pisum sativum</i> L.). <i>Plant Growth Regulation</i> , <b>2016</b> , 78, 287-296	3.2	2
10	Effect of annealing temperature on the magnetic properties of Zn <sub>0.97</sub> Al <sub>0.03</sub> O nanoparticles. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2011</b> , 208, 2454-2459	1.6	2
9	Biocontrol Potential of LYZ69 Against Anthracnose of Alfalfa (). <i>Phytopathology</i> , <b>2021</b> , 111, 1338-1348	3.8	2
8	Molecular Mechanism Underlying the Effect of the Intraspecific Alternation of Seed Size on Plant Drought Tolerance. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 703-711	5.7	1
7	Taxonomic description of <i>Pseudomonas rhizovicius</i> sp. nov., isolated from the rhizosphere of a desert shrub <i>Haloxylon ammodendron</i> . <i>Antonie Van Leeuwenhoek</i> , <b>2021</b> , 114, 1443-1452	2.1	1
6	Evaluation of salt tolerance of oat cultivars and the mechanism of adaptation to salinity.. <i>Journal of Plant Physiology</i> , <b>2022</b> , 273, 153708	3.6	1
5	Dynamic Responses of the Halophyte <i>Suaeda maritima</i> to Various Levels of External NaCl Concentration <b>2020</b> , 1-22		0
4	Na compound fertiliser improves growth performance, drought resistance, and water-saving efficiency of the succulent xerophyte <i>Haloxylon ammodendron</i> in the Alxa Desert region of China. <i>Australian Journal of Botany</i> , <b>2021</b> , 69, 318	1.2	0
3	Newly Isolated sp. nov., a Novel Plant Growth-Promoting Rhizobacteria Strain From High-Altitude Spruce Forests in the Qilian Mountains, China.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 833313	5.7	0
2	Special Organic Fertilizer for Improving Soil Fertilization and Xerophyte <i>Haloxylon ammodendron</i> Growth in the Nursery and Afforestation in Desert Regions of China. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2020</b> , 20, 2241-2252	3.2	
1	Dynamic Responses of the Halophyte <i>Suaeda maritima</i> to Various Levels of External NaCl Concentration <b>2021</b> , 1637-1657		