

# Arbuscular mycorrhizal fungi in alleviation of salt stress

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The potential role of arbuscular mycorrhizal fungi in protecting endangered plants and habitats. <i>Mycorrhiza</i> , 2010, 20, 445-457.	1.3	79
2	Agroecology: the key role of arbuscular mycorrhizas in ecosystem services. <i>Mycorrhiza</i> , 2010, 20, 519-530.	1.3	745
3	The use of mycorrhiza in organically-grown crops under semi arid conditions: a review of benefits, constraints and future challenges. <i>Symbiosis</i> , 2010, 52, 65-74.	1.2	28
4	Contribution of arbuscular mycorrhizal symbiosis to plant growth under different types of soil stress. <i>Plant Biology</i> , 2010, 12, 563-9.	1.8	262
5	Alleviation of salt stress in citrus seedlings inoculated with mycorrhiza: changes in leaf antioxidant defense systems. <i>Plant, Soil and Environment</i> , 2010, 56, 470-475.	1.0	109
6	Cloning and Characterization of a Pathogenesis-Related Gene (ThPR10) from <i>Tamarix hispida</i> . <i>Acta Biologica Cracoviensia Series Botanica</i> , 2010, 52, .	0.5	9
7	Role of Arbuscular Mycorrhizal Fungi in Nitrogen Fixation in Legumes. , 2010, , 409-426.		13
8	Interactions Between Plants and Arbuscular Mycorrhizal Fungi. <i>International Review of Cell and Molecular Biology</i> , 2010, 281, 1-48.	1.6	48
9	Helping plants to deal with insects: the role of beneficial soil-borne microbes. <i>Trends in Plant Science</i> , 2010, 15, 507-514.	4.3	528
10	Mycorrhiza in floriculture: difficulties and opportunities. <i>Symbiosis</i> , 2010, 52, 55-63.	1.2	16
11	Nutrition of mangroves. <i>Tree Physiology</i> , 2010, 30, 1148-1160.	1.4	429
12	Transcriptome analysis reveals salt-stress-regulated biological processes and key pathways in roots of cotton ( <i>Gossypium hirsutum</i> L.). <i>Genomics</i> , 2011, 98, 47-55.	1.3	124
13	Arbuscular mycorrhizas in a tropical coastal dune system in Yucatan, Mexico. <i>Fungal Ecology</i> , 2011, 4, 256-261.	0.7	16
14	Effect of Salt, Drought and Metal Stress on Essential Oil Yield and Quality in Plants. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100601.	0.2	13
15	Sodium Chloride Stress Induced Changes in Leaf Osmotic Adjustment of Trifoliate Orange ( <i>Poncirus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Cluj-Napoca, 2011, 39, 64.	0.5	11
16	Trehalose and Abiotic Stress in Biological Systems. , 0, , .		10
17	Estimation of the <i>Glomus intraradices</i> nuclear DNA content. <i>New Phytologist</i> , 2011, 192, 794-797.	3.5	30
18	Microbiology is the basis of sustainable agriculture: an opinion. <i>Annals of Applied Biology</i> , 2011, 159, 155-168.	1.3	89

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19	The ectomycorrhizal fungus ( <i>Paxillus involutus</i> ) modulates leaf physiology of poplar towards improved salt tolerance. <i>Environmental and Experimental Botany</i> , 2011, 72, 304-311.	2.0	55
20	Plant Genetics for Study of the Roles of Root Exudates and Microbes in the Soil. , 2011, , 99-111.		0
21	Effects of arbuscular mycorrhizal fungus on photosynthesis and water status of maize under high temperature stress. <i>Plant and Soil</i> , 2011, 346, 189-199.	1.8	121
22	Elemental composition of arbuscular mycorrhizal fungi at high salinity. <i>Mycorrhiza</i> , 2011, 21, 117-129.	1.3	153
23	Effects of arbuscular mycorrhizal fungi on seedling growth and development of two wetland plants, <i>Bidens frondosa</i> L., and <i>Eclipta prostrata</i> (L.) L., grown under three levels of water availability. <i>Mycorrhiza</i> , 2011, 21, 279-288.	1.3	55
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25	The Effects of Salinity on Nitrogen Fixation and Trehalose Metabolism in Mycorrhizal <i>Cajanus cajan</i> (L.) Millsp. <i>Plants. Journal of Plant Growth Regulation</i> , 2011, 30, 490-503.	2.8	37
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35	Ecological and agronomic importance of the plant genus <i>Lotus</i> . Its application in grassland sustainability and the amelioration of constrained and contaminated soils. <i>Plant Science</i> , 2012, 182, 121-133.	1.7	108
36	GiFRD encodes a protein involved in anaerobic growth in the arbuscular mycorrhizal fungus <i>Glomus intraradices</i> . <i>Fungal Genetics and Biology</i> , 2012, 49, 313-321.	0.9	1

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38	Environmental Stress and Role of Arbuscular Mycorrhizal Symbiosis. , 2012, , 197-214.		11
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47	Salinity stress alleviation using arbuscular mycorrhizal fungi. A review. Agronomy for Sustainable Development, 2012, 32, 181-200.	2.2	521
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49	Contribution of arbuscular mycorrhizal symbiosis to the survival of psammophilic plants after sea water flooding. Plant and Soil, 2012, 351, 97-105.	1.8	26
50	Contribution of <i>Glomus intraradices</i> inoculation to nutrient acquisition and mitigation of ionic imbalance in NaCl-stressed <i>Trigonella foenum-graecum</i> . Mycorrhiza, 2012, 22, 203-217.	1.3	249
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75	Taxonomic diversity and community structure of arbuscular mycorrhizal fungi (Phylum Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2013, 6, 27-36.	0.7	27
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81	The role of arbuscular mycorrhizas in decreasing aluminium phytotoxicity in acidic soils: a review. <i>Mycorrhiza</i> , 2013, 23, 167-183.	1.3	137
82	Elucidation of salt stress defense and tolerance mechanisms of crop plants using proteomics-Current achievements and perspectives. <i>Proteomics</i> , 2013, 13, 1885-1900.	1.3	40
83	Mycorrhizal symbiosis enhances tolerance to NaCl stress through selective absorption but not selective transport of K <sup>+</sup> over Na <sup>+</sup> in trifoliolate orange. <i>Scientia Horticulturae</i> , 2013, 160, 366-374.	1.7	24
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91	Response of mycorrhizal hybrid tomato cultivars under saline stress. <i>Journal of Soil Science and Plant Nutrition</i> , 2013, , 0-0.	1.7	5

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94	Effect of Salinity on Plants and the Role of Arbuscular Mycorrhizal Fungi and Plant Growth-Promoting Rhizobacteria in Alleviation of Salt Stress. , 2014, , 115-144.		30
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106	Involvement of ethylene in reversal of salt-inhibited photosynthesis by sulfur in mustard. <i>Physiologia Plantarum</i> , 2014, 152, 331-344.	2.6	121
107	Seedling performance of <i>Phragmites australis</i> (Cav.) Trin ex. Steudel in the presence of arbuscular mycorrhizal fungi. <i>Journal of Applied Microbiology</i> , 2014, 116, 1593-1606.	1.4	19
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110	Salinity Stress and Arbuscular Mycorrhizal Symbiosis in Plants. , 2014, , 139-159.		60
111	Arbuscular Mycorrhizal Fungi (AMF) on Growth and Nutrient Uptake of Beach Plum (&Prunus) Tj ETQq1 1 0.784314 rgBT /Over	0.2	4

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112	The Role of Arbuscular Mycorrhizal Fungi in Alleviation of Salt Stress. , 2014, , 23-38.		43
113	Protective effects of arbuscular mycorrhizal fungi on wheat ( <i>Triticum aestivum</i> L.) plants exposed to salinity. <i>Environmental and Experimental Botany</i> , 2014, 98, 20-31.	2.0	218
114	Synergistic interaction of <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> and arbuscular mycorrhizal fungi as a plant growth promoting biofertilizers for faba bean ( <i>Vicia faba</i> L.) in alkaline soil. <i>Microbiological Research</i> , 2014, 169, 49-58.	2.5	148
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118	Arbuscular mycorrhizal symbiosis alleviates detrimental effects of saline reclaimed water in lettuce plants. <i>Mycorrhiza</i> , 2014, 24, 339-348.	1.3	43
119	Casuarina: biogeography and ecology of an important tree genus in a changing world. <i>Biological Invasions</i> , 2014, 16, 609-633.	1.2	37
120	RESPONSE OF WHEAT TO INOCULATION WITH MYCORRHIZAE ALONE AND COMBINED WITH SELECTED RHIZOBACTERIA INCLUDING <i>FLAVOBACTERIUM</i> SP. AS A POTENTIAL BIOINOCULANT. <i>Journal of Plant Nutrition</i> , 2014, 37, 76-86.	0.9	19
121	Does Inoculation with <i>Glomus mosseae</i> Improve Salt Tolerance in Pepper Plants?. <i>Journal of Plant Growth Regulation</i> , 2014, 33, 644-653.	2.8	155
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124	Use of Plant Growth-Promoting Rhizobacteria to Alleviate Salinity Stress in Plants. , 2014, , 73-96.		83
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126	Alleviation of salt stress in citrus seedlings inoculated with arbuscular mycorrhizal fungi depends on the rootstock salt tolerance. <i>Journal of Plant Physiology</i> , 2014, 171, 76-85.	1.6	104
127	Use of Microbes for the Alleviation of Soil Stresses. , 2014, , .		15
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129	The role of mycorrhizae and plant growth promoting rhizobacteria (PGPR) in improving crop productivity under stressful environments. <i>Biotechnology Advances</i> , 2014, 32, 429-448.	6.0	754
131	Arbuscular Mycorrhiza in Crop Improvement under Environmental Stress. , 2014, , 69-95.		52



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133	Water strategy of mycorrhizal rice at low temperature through the regulation of PIP aquaporins with the involvement of trehalose. <i>Applied Soil Ecology</i> , 2014, 84, 185-191.	2.1	38
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135	Characterization of expressed genes in the establishment of arbuscular mycorrhiza between <i>Amorpha fruticosa</i> and <i>Glomus mosseae</i> . <i>Journal of Forestry Research</i> , 2014, 25, 541-548.	1.7	8
136	The plasma membrane transport systems and adaptation to salinity. <i>Journal of Plant Physiology</i> , 2014, 171, 1787-1800.	1.6	70
137	Arbuscular mycorrhizal symbiosis modulates antioxidant response in salt-stressed <i>Trigonella foenum-graecum</i> plants. <i>Mycorrhiza</i> , 2014, 24, 197-208.	1.3	120
138	A meta-analysis of arbuscular mycorrhizal effects on plants grown under salt stress. <i>Mycorrhiza</i> , 2014, 24, 611-625.	1.3	149
139	Compost alleviates the negative effects of salinity via up-regulation of antioxidants in <i>Solanum lycopersicum</i> L. plants. <i>Plant Growth Regulation</i> , 2014, 74, 299-310.	1.8	34
140	Species composition and diversity of arbuscular mycorrhizal fungi in White Nile state, Central Sudan. <i>Archives of Agronomy and Soil Science</i> , 2014, 60, 377-391.	1.3	20
141	Changes of arbuscular mycorrhizal traits and community structure with respect to soil salinity in a coastal reclamation land. <i>Soil Biology and Biochemistry</i> , 2014, 72, 1-10.	4.2	76
142	Modulation of the ROS scavenging system in salt-stressed wheat plants inoculated with arbuscular mycorrhizal fungi. <i>Journal of Plant Nutrition and Soil Science</i> , 2014, 177, 199-207.	1.1	40
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154	Research Status on <i>Suaeda heteroptera</i> Kitag. <i>Aquatic Science and Technology</i> , 2015, 3, 23.	0.1	1
155	Protective effects of <i>Glomus iranicum</i> var. <i>tenuihypharum</i> on soil and <i>Viburnum tinus</i> plants irrigated with treated wastewater under field conditions. <i>Mycorrhiza</i> , 2015, 25, 399-409.	1.3	20
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