Lixin Zhang

List of Publications by Year
in descending order

10 papers	1,451 citations	1040056 9 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	1359 citing authors

#	Article	IF	Citations
1	Role of Arbuscular Mycorrhizal Fungi in Plant Growth Regulation: Implications in Abiotic Stress Tolerance. Frontiers in Plant Science, 2019, 10, 1068.	3.6	783
2	Improved Drought Tolerance by AMF Inoculation in Maize (Zea mays) Involves Physiological and Biochemical Implications. Plants, 2019, 8, 579.	3.5	170
3	AMF inoculation and phosphorus supplementation alleviates drought induced growth and photosynthetic decline in Nicotiana tabacum by up-regulating antioxidant metabolism and osmolyte accumulation. Environmental and Experimental Botany, 2020, 176, 104088.	4.2	109
4	Nitrogen availability prevents oxidative effects of salinity on wheat growth and photosynthesis by up-regulating the antioxidants and osmolytes metabolism, and secondary metabolite accumulation. BMC Plant Biology, 2019, 19, 479.	3.6	98
5	Improving growth and photosynthetic performance of drought stressed tomato by application of nano-organic fertilizer involves up-regulation of nitrogen, antioxidant and osmolyte metabolism. Ecotoxicology and Environmental Safety, 2021, 216, 112195.	6.0	92
6	Spermine application alleviates salinity induced growth and photosynthetic inhibition in Solanum lycopersicum by modulating osmolyte and secondary metabolite accumulation and differentially regulating antioxidant metabolism. Plant Physiology and Biochemistry, 2019, 144, 1-13.	5.8	84
7	Beneficial role of acetylcholine in chlorophyll metabolism and photosynthetic gas exchange in Nicotiana benthamiana seedlings under salinity stress. Plant Biology, 2020, 22, 357-365.	3.8	47
8	Arbuscular mycorrhizal fungi improve growth, essential oil, secondary metabolism, and yield of tobacco (Nicotiana tabacum L.) under drought stress conditions. Environmental Science and Pollution Research, 2021, 28, 45276-45295.	5.3	41
9	Comparative transcriptome analysis reveals the regulatory effects of acetylcholine on salt tolerance of Nicotiana benthamiana. Phytochemistry, 2021, 181, 112582.	2.9	25
10	Supplementation of Acetylcholine Mediates Physiological and Biochemical Changes in Tobacco Lead to Alleviation of Damaging Effects of Drought Stress on Growth and Photosynthesis. Journal of Plant Growth Regulation, 2023, 42, 4616-4628.	5.1	2