Huahua Wang

List of Publications by Year
in descending order

17	678	687363 13	888059 17
papers	citations	h-index	g-index

17	17	17	811
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Glucose-6-phosphate dehydrogenase and abscisic acid mediate programmed cell death induced by aluminum toxicity in soybean root tips. Journal of Hazardous Materials, 2022, 425, 127964.	12.4	16
2	Genome-Wide Identification of Soybean ABC Transporters Relate to Aluminum Toxicity. International Journal of Molecular Sciences, 2021, 22, 6556.	4.1	19
3	Nitric oxide-mediated alternative pathway alleviates aluminum-induced programmed cell death in soybean root tips. Plant Science, 2021, 310, 110988.	3.6	9
4	OsRhoGAP2 promoter drives inflorescence-preferential expression and confers responses to abiotic stresses in transgenic Arabidopsis. Acta Physiologiae Plantarum, 2019, 41, 1.	2.1	2
5	Interactions between hydrogen sulphide and nitric oxide regulate two soybean citrate transporters during the alleviation of aluminium toxicity. Plant, Cell and Environment, 2019, 42, 2340-2356.	5.7	63
6	Nitric oxide mediates aluminum-induced citrate secretion through regulating the metabolism and transport of citrate in soybean roots. Plant and Soil, 2019, 435, 127-142.	3.7	12
7	Nitric oxide-mediated cytosolic glucose-6-phosphate dehydrogenase is involved in aluminum toxicity of soybean under high aluminum concentration. Plant and Soil, 2017, 416, 39-52.	3.7	34
8	Nitrate reductase-mediated nitric oxide production alleviates Al-induced inhibition of root elongation by regulating the ascorbate-glutathione cycle in soybean roots. Plant and Soil, 2017, 410, 453-465.	3.7	24
9	Involvement of ABA- and H 2 O 2 -dependent cytosolic glucose-6-phosphate dehydrogenase in maintaining redox homeostasis in soybean roots under drought stress. Plant Physiology and Biochemistry, 2016, 107, 126-136.	5.8	54
10	Involvement of nitric oxide-mediated alternative pathway in tolerance of wheat to drought stress by optimizing photosynthesis. Plant Cell Reports, 2016, 35, 2033-2044.	5.6	16
11	Involvement of putrescine and nitric oxide in aluminum tolerance by modulating citrate secretion from roots of red kidney bean. Plant and Soil, 2013, 366, 479-490.	3.7	30
12	Putrescine Mediates Aluminum Tolerance in Red Kidney Bean by Modulating Aluminumâ€Induced Oxidative Stress. Crop Science, 2013, 53, 2120-2128.	1.8	15
13	Involvement of hydrogen peroxide, calcium, and ethylene in the induction of the alternative pathway in chilling-stressed Arabidopsis callus. Planta, 2012, 235, 53-67.	3.2	65
14	Nitric oxide enhances aluminum tolerance by affecting cell wall polysaccharides in rice roots. Plant Cell Reports, 2011, 30, 1701-1711.	5.6	51
15	Induction of alternative respiratory pathway involves nitric oxide, hydrogen peroxide and ethylene under salt stress. Plant Signaling and Behavior, 2010, 5, 1636-1637.	2.4	17
16	Involvement of Ethylene and Hydrogen Peroxide in Induction of Alternative Respiratory Pathway in Salt-Treated Arabidopsis Calluses. Plant and Cell Physiology, 2010, 51, 1754-1765.	3.1	114
17	Ethylene and nitric oxide are involved in maintaining ion homeostasis in Arabidopsis callus under salt stress. Planta, 2009, 230, 293-307.	3.2	137