

Huahua Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2808875/publications.pdf>

Version: 2024-02-01

17
papers

678
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

811
citing authors

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