Zeng-Rong Huang

List of Publications by Year
in descending order

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20 papers	525 citations	687363 13 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	328 citing authors

#	Article	IF	Citations
1	Copper Toxicity Differentially Regulates the Seedling Growth, Copper Distribution, and Photosynthetic Performance of Citrus sinensis and Citrus grandis. Journal of Plant Growth Regulation, 2022, 41, 3333-3344.	5.1	3
2	Mechanisms for increased pH-mediated amelioration of copper toxicity in Citrus sinensis leaves using physiology, transcriptomics and metabolomics. Environmental and Experimental Botany, 2022, 196, 104812.	4.2	17
3	The aluminum distribution and translocation in two citrus species differing in aluminum tolerance. BMC Plant Biology, 2022, 22, 93.	3.6	5
4	Boron-mediated amelioration of copper-toxicity in sweet orange [Citrus sinensis (L.) Osbeck cv. Xuegan] seedlings involved reduced damage to roots and improved nutrition and water status. Ecotoxicology and Environmental Safety, 2022, 234, 113423.	6.0	13
5	Molecular mechanisms for pH-mediated amelioration of aluminum-toxicity revealed by conjoint analysis of transcriptome and metabolome in Citrus sinensis roots. Chemosphere, 2022, 299, 134335.	8.2	17
6	Raised pH conferred the ability to maintain a balance between production and detoxification of reactive oxygen species and methylglyoxal in aluminum-toxic Citrus sinensis leaves and roots. Environmental Pollution, 2021, 268, 115676.	7.5	16
7	UHPLC-Q-TOF/MS-based metabolomics reveals altered metabolic profiles in magnesium deficient leaves of Citrus sinensis. Scientia Horticulturae, 2021, 278, 109870.	3.6	11
8	Effects of phosphorus deficiency on the absorption of mineral nutrients, photosynthetic system performance and antioxidant metabolism in Citrus grandis. PLoS ONE, 2021, 16, e0246944.	2.5	70
9	Differences in morphological and physiological features of citrus seedlings are related to Mg transport from the parent to branch organs. BMC Plant Biology, 2021, 21, 239.	3.6	10
10	Metabolomics combined with physiology and transcriptomics reveals how Citrus grandis leaves cope with copper-toxicity. Ecotoxicology and Environmental Safety, 2021, 223, 112579.	6.0	31
11	Adaptive Responses of CitrusÂgrandis Leaves to Copper Toxicity Revealed by RNA-Seq and Physiology. International Journal of Molecular Sciences, 2021, 22, 12023.	4.1	20
12	Excess Copper-Induced Alterations of Protein Profiles and Related Physiological Parameters in Citrus Leaves. Plants, 2020, 9, 291.	3.5	34
13	Excess copper effects on growth, uptake of water and nutrients, carbohydrates, and PSII photochemistry revealed by OJIP transients in Citrus seedlings. Environmental Science and Pollution Research, 2019, 26, 30188-30205.	5.3	47
14	Analysis of Interacting Proteins of Aluminum Toxicity Response Factor ALS3 and CAD in Citrus. International Journal of Molecular Sciences, 2019, 20, 4846.	4.1	5
15	Responses of reactive oxygen species and methylglyoxal metabolisms to magnesium-deficiency differ greatly among the roots, upper and lower leaves of Citrus sinensis. BMC Plant Biology, 2019, 19, 76.	3.6	40
16	Aluminum-responsive genes revealed by RNA-Seq and related physiological responses in leaves of two Citrus species with contrasting aluminum-tolerance. Ecotoxicology and Environmental Safety, 2018, 158, 213-222.	6.0	24
17	Aluminum effects on photosynthesis, reactive oxygen species and methylglyoxal detoxification in two Citrus species differing in aluminum tolerance. Tree Physiology, 2018, 38, 1548-1565.	3.1	77
18	Root iTRAQ protein profile analysis of two Citrus species differing in aluminum-tolerance in response to long-term aluminum-toxicity. BMC Genomics, 2015, 16, 949.	2.8	47

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19	An investigation of boron-toxicity in leaves of two citrus species differing in boron-tolerance using comparative proteomics. Journal of Proteomics, 2015, 123, 128-146.	2.4	33
20	Two-dimensional gel electrophoresis data in support of leaf comparative proteomics of two citrus species differing in boron-tolerance. Data in Brief, 2015, 4, 44-46.	1.0	5