

Zeng-Rong Huang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

525
citations

687363

13
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752698

20
g-index

21
all docs

21
docs citations

21
times ranked

328
citing authors

#	ARTICLE	IF	CITATIONS
1	Aluminum effects on photosynthesis, reactive oxygen species and methylglyoxal detoxification in two Citrus species differing in aluminum tolerance. <i>Tree Physiology</i> , 2018, 38, 1548-1565.	3.1	77
2	Effects of phosphorus deficiency on the absorption of mineral nutrients, photosynthetic system performance and antioxidant metabolism in <i>Citrus grandis</i> . <i>PLoS ONE</i> , 2021, 16, e0246944.	2.5	70
3	Root iTRAQ protein profile analysis of two Citrus species differing in aluminum-tolerance in response to long-term aluminum-toxicity. <i>BMC Genomics</i> , 2015, 16, 949.	2.8	47
4	Excess copper effects on growth, uptake of water and nutrients, carbohydrates, and PSII photochemistry revealed by OJIP transients in Citrus seedlings. <i>Environmental Science and Pollution Research</i> , 2019, 26, 30188-30205.	5.3	47
5	Responses of reactive oxygen species and methylglyoxal metabolisms to magnesium-deficiency differ greatly among the roots, upper and lower leaves of <i>Citrus sinensis</i> . <i>BMC Plant Biology</i> , 2019, 19, 76.	3.6	40
6	Excess Copper-Induced Alterations of Protein Profiles and Related Physiological Parameters in Citrus Leaves. <i>Plants</i> , 2020, 9, 291.	3.5	34
7	An investigation of boron-toxicity in leaves of two citrus species differing in boron-tolerance using comparative proteomics. <i>Journal of Proteomics</i> , 2015, 123, 128-146.	2.4	33
8	Metabolomics combined with physiology and transcriptomics reveals how <i>Citrus grandis</i> leaves cope with copper-toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112579.	6.0	31
9	Aluminum-responsive genes revealed by RNA-Seq and related physiological responses in leaves of two Citrus species with contrasting aluminum-tolerance. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 213-222.	6.0	24
10	Adaptive Responses of <i>Citrus grandis</i> Leaves to Copper Toxicity Revealed by RNA-Seq and Physiology. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12023.	4.1	20
11	Mechanisms for increased pH-mediated amelioration of copper toxicity in <i>Citrus sinensis</i> leaves using physiology, transcriptomics and metabolomics. <i>Environmental and Experimental Botany</i> , 2022, 196, 104812.	4.2	17
12	Molecular mechanisms for pH-mediated amelioration of aluminum-toxicity revealed by conjoint analysis of transcriptome and metabolome in <i>Citrus sinensis</i> roots. <i>Chemosphere</i> , 2022, 299, 134335.	8.2	17
13	Raised pH conferred the ability to maintain a balance between production and detoxification of reactive oxygen species and methylglyoxal in aluminum-toxic <i>Citrus sinensis</i> leaves and roots. <i>Environmental Pollution</i> , 2021, 268, 115676.	7.5	16
14	Boron-mediated amelioration of copper-toxicity in sweet orange [<i>Citrus sinensis</i> (L.) Osbeck cv. Xuegan] seedlings involved reduced damage to roots and improved nutrition and water status. <i>Ecotoxicology and Environmental Safety</i> , 2022, 234, 113423.	6.0	13
15	UHPLC-Q-TOF/MS-based metabolomics reveals altered metabolic profiles in magnesium deficient leaves of <i>Citrus sinensis</i> . <i>Scientia Horticulturae</i> , 2021, 278, 109870.	3.6	11
16	Differences in morphological and physiological features of citrus seedlings are related to Mg transport from the parent to branch organs. <i>BMC Plant Biology</i> , 2021, 21, 239.	3.6	10
17	Two-dimensional gel electrophoresis data in support of leaf comparative proteomics of two citrus species differing in boron-tolerance. <i>Data in Brief</i> , 2015, 4, 44-46.	1.0	5
18	Analysis of Interacting Proteins of Aluminum Toxicity Response Factor ALS3 and CAD in Citrus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4846.	4.1	5

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19	The aluminum distribution and translocation in two citrus species differing in aluminum tolerance. <i>BMC Plant Biology</i> , 2022, 22, 93.	3.6	5
20	Copper Toxicity Differentially Regulates the Seedling Growth, Copper Distribution, and Photosynthetic Performance of <i>Citrus sinensis</i> and <i>Citrus grandis</i> . <i>Journal of Plant Growth Regulation</i> , 2022, 41, 3333-3344.	5.1	3