

Xiaohui Hu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

910
citations

623734

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752698

20
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21
all docs

21
docs citations

21
times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactive Effects of Iron and Photoperiods on Tomato Plant Growth and Fruit Quality. <i>Journal of Plant Growth Regulation</i> , 2023, 42, 376-389.	5.1	12
2	Polyamine Oxidase Triggers H ₂ O ₂ -Mediated Spermidine Improved Oxidative Stress Tolerance of Tomato Seedlings Subjected to Saline-Alkaline Stress. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1625.	4.1	17
3	Abscisic acid alleviates harmful effect of saline-alkaline stress on tomato seedlings. <i>Plant Physiology and Biochemistry</i> , 2022, 175, 58-67.	5.8	26
4	RBOH1-dependent H ₂ O ₂ mediates spermine-induced antioxidant enzyme system to enhance tomato seedling tolerance to salinity-alkalinity stress. <i>Plant Physiology and Biochemistry</i> , 2021, 164, 237-246.	5.8	17
5	Effects of Application Methods of Boron on Tomato Growth, Fruit Quality and Flavor. <i>Horticulturae</i> , 2021, 7, 223.	2.8	7
6	Nitric oxide mediates ¹³ C-aminobutyric acid-enhanced muskmelon tolerance to salinity-alkalinity stress conditions. <i>Scientia Horticulturae</i> , 2021, 286, 110229.	3.6	11
7	H ₂ O ₂ and NO are involved in trehalose-regulated oxidative stress tolerance in cold-stressed tomato plants. <i>Environmental and Experimental Botany</i> , 2020, 171, 103961.	4.2	64
8	Crosstalk between GABA and ALA to improve antioxidation and cell expansion of tomato seedling under cold stress. <i>Environmental and Experimental Botany</i> , 2020, 180, 104228.	4.2	17
9	Exogenous spermine-induced expression of SISPM5 gene improves salinity-alkalinity stress tolerance by regulating the antioxidant enzyme system and ion homeostasis in tomato. <i>Plant Physiology and Biochemistry</i> , 2020, 157, 79-92.	5.8	19
10	GSTU43 gene involved in ALA-regulated redox homeostasis, to maintain coordinated chlorophyll synthesis of tomato at low temperature. <i>BMC Plant Biology</i> , 2019, 19, 323.	3.6	19
11	Exogenous GABA enhances muskmelon tolerance to salinity-alkalinity stress by regulating redox balance and chlorophyll biosynthesis. <i>BMC Plant Biology</i> , 2019, 19, 48.	3.6	109
12	Polyamines are involved in GABA-regulated salinity-alkalinity stress tolerance in muskmelon. <i>Environmental and Experimental Botany</i> , 2019, 164, 181-189.	4.2	35
13	NO is involved in JA- and H ₂ O ₂ -mediated ALA-induced oxidative stress tolerance at low temperatures in tomato. <i>Environmental and Experimental Botany</i> , 2019, 161, 334-343.	4.2	47
14	Exogenous 5-aminolevulinic acid pretreatment ameliorates oxidative stress triggered by low-temperature stress of <i>Solanum lycopersicum</i> . <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	2.1	14
15	H ₂ O ₂ mediates ALA-induced glutathione and ascorbate accumulation in the perception and resistance to oxidative stress in <i>Solanum lycopersicum</i> at low temperatures. <i>BMC Plant Biology</i> , 2018, 18, 34.	3.6	71
16	Exogenous ¹³ C-Aminobutyric Acid Improves the Structure and Function of Photosystem II in Muskmelon Seedlings Exposed to Salinity-Alkalinity Stress. <i>PLoS ONE</i> , 2016, 11, e0164847.	2.5	53
17	Exogenous spermidine is enhancing tomato tolerance to salinity-alkalinity stress by regulating chloroplast antioxidant system and chlorophyll metabolism. <i>BMC Plant Biology</i> , 2015, 15, 303.	3.6	111
18	Application of ¹³ C-aminobutyric acid demonstrates a protective role of polyamine and GABA metabolism in muskmelon seedlings under Ca(NO ₃) ₂ stress. <i>Plant Physiology and Biochemistry</i> , 2015, 92, 1-10.	5.8	85

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19	The Photoprotective Role of Spermidine in Tomato Seedlings under Salinity-Alkalinity Stress. PLoS ONE, 2014, 9, e110855.	2.5	47
20	Effect of exogenous spermidine on polyamine content and metabolism in tomato exposed to salinity&alkalinity mixed stress. Plant Physiology and Biochemistry, 2012, 57, 200-209.	5.8	129