

Xichun Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/964221/publications.pdf>

Version: 2024-02-01

9
papers

320
citations

1163117
8
h-index

1474206
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9
all docs

9
docs citations

9
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR/Cas9 targeted mutagenesis of SLBD40, a lateral organ boundaries domain transcription factor, enhances drought tolerance in tomato. <i>Plant Science</i> , 2020, 301, 110683.	3.6	82
2	SISNAT Interacts with HSP40, a Molecular Chaperone, to Regulate Melatonin Biosynthesis and Promote Thermotolerance in Tomato. <i>Plant and Cell Physiology</i> , 2020, 61, 909-921.	3.1	62
3	Melatonin promotes carotenoid biosynthesis in an ethylene-dependent manner in tomato fruits. <i>Plant Science</i> , 2020, 298, 110580.	3.6	54
4	<i>SITLFP8</i> reduces water loss to improve water-use efficiency by modulating cell size and stomatal density via endoreduplication. <i>Plant, Cell and Environment</i> , 2020, 43, 2666-2679.	5.7	43
5	The jasmonate-induced bHLH gene <i>SlJIG</i> functions in terpene biosynthesis and resistance to insects and fungus. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 1102-1115.	8.5	27
6	Jasmonate and aluminum crosstalk in tomato: Identification and expression analysis of WRKYs and ALMTs during JA/Al-regulated root growth. <i>Plant Physiology and Biochemistry</i> , 2020, 154, 409-418.	5.8	24
7	Virus-induced gene silencing (VIGS) for functional analysis of MYB80 gene involved in <i>Solanum lycopersicum</i> cold tolerance. <i>Protoplasma</i> , 2019, 256, 409-418.	2.1	11
8	SIMYB102 expression enhances low-temperature stress resistance in tomato plants. <i>PeerJ</i> , 2020, 8, e10059.	2.0	11
9	Screening for cold-resistant tomato under radiation mutagenesis and observation of the submicroscopic structure. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	6