

Shuxin Ren

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,768
citations

361413

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580821

25
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docs citations

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times ranked

2316
citing authors

#	ARTICLE	IF	CITATIONS
1	The jasmonate-induced bHLH gene <i>SJJG</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
2	Heat shock-induced cold acclimation in cucumber through <i>CsHSFA1d</i> -activated <i>JA</i> biosynthesis and signaling. <i>Plant Journal</i> , 2022, 111, 85-102.	5.7	22
3	Soil and microbe interactions in two populations of Appalachian black cohosh (<i>Actaea racemosa</i> L.)1. <i>Journal of the Torrey Botanical Society</i> , 2021, 148, .	0.3	0
4	First Report of Fusarium Yellow and Rhizome Rot Caused by <i>Fusarium oxysporum</i> f. sp. <i>zingiberi</i> on Ginger in the Continental United States. <i>Plant Disease</i> , 2021, , .	1.4	5
5	<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
6	Melatonin promotes carotenoid biosynthesis in an ethylene-dependent manner in tomato fruits. <i>Plant Science</i> , 2020, 298, 110580.	3.6	54
7	Melatonin acts synergistically with auxin to promote lateral root development through fine tuning auxin transport in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2019, 14, e0221687.	2.5	54
8	SoHSC70 positively regulates thermotolerance by alleviating cell membrane damage, reducing ROS accumulation, and improving activities of antioxidant enzymes. <i>Plant Science</i> , 2019, 283, 385-395.	3.6	29
9	<i>PvNAC1</i> increases biomass and enhances salt tolerance by decreasing Na ⁺ accumulation and promoting ROS scavenging in switchgrass (<i>Panicum virgatum</i> L.). <i>Plant Science</i> , 2019, 280, 66-76.	3.6	15
10	Melatonin Alleviates Copper Toxicity via Improving Copper Sequestration and ROS Scavenging in Cucumber. <i>Plant and Cell Physiology</i> , 2019, 60, 562-574.	3.1	92
11	<i>CsATAF1</i> Positively Regulates Drought Stress Tolerance by an ABA-Dependent Pathway and by Promoting ROS Scavenging in Cucumber. <i>Plant and Cell Physiology</i> , 2018, 59, 930-945.	3.1	74
12	Overexpression of <i>BoNAC019</i> , a NAC transcription factor from <i>Brassica oleracea</i> , negatively regulates the dehydration response and anthocyanin biosynthesis in <i>Arabidopsis</i> . <i>Scientific Reports</i> , 2018, 8, 13349.	3.3	46
13	Knockdown of a cellulose synthase gene <i>BoiCesA</i> affects the leaf anatomy, cellulose content and salt tolerance in broccoli. <i>Scientific Reports</i> , 2017, 7, 41397.	3.3	16
14	Melatonin Improved Anthocyanin Accumulation by Regulating Gene Expressions and Resulted in High Reactive Oxygen Species Scavenging Capacity in Cabbage. <i>Frontiers in Plant Science</i> , 2016, 7, 197.	3.6	117
15	Plasma Membrane Intrinsic Proteins <i>SlPIP2;1</i> , <i>SlPIP2;7</i> and <i>SlPIP2;5</i> Conferring Enhanced Drought Stress Tolerance in Tomato. <i>Scientific Reports</i> , 2016, 6, 31814.	3.3	61
16	Melatonin promotes ripening and improves quality of tomato fruit during postharvest life. <i>Journal of Experimental Botany</i> , 2015, 66, 657-668.	4.8	308
17	The mechanism underlying fast germination of tomato cultivar LA2711. <i>Plant Science</i> , 2015, 238, 241-250.	3.6	7
18	Roles of melatonin in abiotic stress resistance in plants. <i>Journal of Experimental Botany</i> , 2015, 66, 647-656.	4.8	512

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19	The <i>RNA-seq</i> approach to discriminate gene expression profiles in response to melatonin on cucumber lateral root formation. <i>Journal of Pineal Research</i> , 2014, 56, 39-50.	7.4	263
20	<i>Arabidopsis</i> Transcriptome Analysis Reveals Key Roles of Melatonin in Plant Defense Systems. <i>PLoS ONE</i> , 2014, 9, e93462.	2.5	288
21	Hormone profiling and transcription analysis reveal a major role of ABA in tomato salt tolerance. <i>Plant Physiology and Biochemistry</i> , 2014, 77, 23-34.	5.8	77
22	Melatonin promotes water stress tolerance, lateral root formation, and seed germination in cucumber (<i>Cucumis sativus</i> L.). <i>Journal of Pineal Research</i> , 2013, 54, 15-23.	7.4	499
23	Salt tolerance in soybean WF-7 is partially regulated by ABA and ROS signaling and involves withholding toxic Cl ⁻ ions from aerial tissues. <i>Plant Cell Reports</i> , 2012, 31, 1527-1533.	5.6	23
24	Influencing factors and structural characterization of hyperhydricity of in vitro regeneration in <i>Brassica oleracea</i> var. <i>italica</i> . <i>Canadian Journal of Plant Science</i> , 2011, 91, 159-165.	0.9	24
25	Regulation of Telomerase in <i>Arabidopsis</i> by BT2, an Apparent Target of TELOMERASE ACTIVATOR1. <i>Plant Cell</i> , 2007, 19, 23-31.	6.6	69
26	TELOMERASE ACTIVATOR1 Induces Telomerase Activity and Potentiates Responses to Auxin in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2004, 16, 2910-2922.	6.6	43