

Jian Pan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

445
citations

933447

10
h-index

794594

19
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19
all docs

19
docs citations

19
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions between Diffuse Light and Cucumber (<i>Cucumis sativus</i> L.) Canopy Structure, Simulations of Light Interception in Virtual Canopies. <i>Agronomy</i> , 2022, 12, 602.	3.0	5
2	Study of micro-trichome (mict) reveals novel connections between transcriptional regulation of multicellular trichome development and specific metabolism in cucumber. <i>Horticulture Research</i> , 2021, 8, 21.	6.3	15
3	CsUFO is involved in the formation of flowers and tendrils in cucumber. <i>Theoretical and Applied Genetics</i> , 2021, 134, 2141-2150.	3.6	11
4	A positive feedback loop mediated by <i>CsERF31</i> initiates female cucumber flower development. <i>Plant Physiology</i> , 2021, 186, 1088-1100.	4.8	11
5	A SNP of HD-ZIP I transcription factor leads to distortion of trichome morphology in cucumber (<i>Cucumis sativus</i> L.). <i>BMC Plant Biology</i> , 2021, 21, 182.	3.6	11
6	<i>TERMINAL FLOWER</i> 1 and <i>TERMINAL FLOWER</i> 1d respond to temperature and photoperiod signals to inhibit determinate growth in cucumber. <i>Plant, Cell and Environment</i> , 2021, 44, 2580-2592.	5.7	5
7	Deep learning-based prediction of TFBSs in plants. <i>Trends in Plant Science</i> , 2021, 26, 1301-1302.	8.8	7
8	Cathepsin B-like cysteine protease ApCathB negatively regulates cryo-injury tolerance in transgenic <i>Arabidopsis</i> and <i>Agapanthus praecox</i> . <i>Plant Science</i> , 2021, 308, 110928.	3.6	8
9	A cucumber NAM domain transcription factor promotes pistil development in <i>Arabidopsis</i> . <i>Molecular Horticulture</i> , 2021, 1, .	5.8	1
10	The HD-ZIP IV transcription factor Tril regulates fruit spine density through gene dosage effects in cucumber. <i>Journal of Experimental Botany</i> , 2020, 71, 6297-6310.	4.8	18
11	Inhibition of FvMYB10 transcriptional activity promotes color loss in strawberry fruit. <i>Plant Science</i> , 2020, 298, 110578.	3.6	20
12	Comprehensive Genomic Analysis and Expression Profiling of the C2H2 Zinc Finger Protein Family under Abiotic Stresses in Cucumber (<i>Cucumis sativus</i> L.). <i>Genes</i> , 2020, 11, 171.	2.4	20
13	Cucumber CsTRY Negatively Regulates Anthocyanin Biosynthesis and Trichome Formation When Expressed in Tobacco. <i>Frontiers in Plant Science</i> , 2019, 10, 1232.	3.6	8
14	phyB Interacts with BES1 to Regulate Brassinosteroid Signaling in <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , 2019, 60, 353-366.	3.1	49
15	Identification and mapping of ts (tender spines), a gene involved in soft spine development in <i>Cucumis sativus</i> . <i>Theoretical and Applied Genetics</i> , 2018, 131, 1-12.	3.6	38
16	Photoexcited CRYPTOCHROME 1 Interacts Directly with G-Protein β Subunit AGB1 to Regulate the DNA-Binding Activity of HY5 and Photomorphogenesis in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2018, 11, 1248-1263.	8.3	46
17	Differential Gene Expression Caused by the F and M Loci Provides Insight Into Ethylene-Mediated Female Flower Differentiation in Cucumber. <i>Frontiers in Plant Science</i> , 2018, 9, 1091.	3.6	30
18	Identification and mapping of Tril, a homeodomain-leucine zipper gene involved in multicellular trichome initiation in <i>Cucumis sativus</i> . <i>Theoretical and Applied Genetics</i> , 2016, 129, 305-316.	3.6	77

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19	Loss-of-Function Mutations in CsMLO1 Confer Durable Powdery Mildew Resistance in Cucumber (<i>Cucumis sativus</i> L.). <i>Frontiers in Plant Science</i> , 2015, 6, 1155.	3.6	65