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List of Publications by Year in descending order

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41
papers

3,421
citations

186265
28
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254184
43
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49
all docs

49
docs citations

49
times ranked

5226
citing authors

#	ARTICLE	IF	CITATIONS
1	The VIL gene CRAWLING ELEPHANT controls maturation and differentiation in tomato via polycomb silencing. PLoS Genetics, 2022, 18, e1009633.	3.5	2
2	Interaction between photoperiod and variation in circadian rhythms in tomato. BMC Plant Biology, 2022, 22, 187.	3.6	12
3	Effective Mapping by Sequencing to Isolate Causal Mutations in the Tomato Genome. Methods in Molecular Biology, 2021, 2264, 89-103.	0.9	7
4	Natural variation in HsfA2 pre-mRNA splicing is associated with changes in thermotolerance during tomato domestication. New Phytologist, 2020, 225, 1297-1310.	7.3	55
5	The impact of transposable elements on tomato diversity. Nature Communications, 2020, 11, 4058.	12.8	92
6	<i>ENO</i> regulates tomato fruit size through the floral meristem development network. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8187-8195.	7.1	108
7	Mild drought in the vegetative stage induces phenotypic, gene expression, and DNA methylation plasticity in Arabidopsis but no transgenerational effects. Journal of Experimental Botany, 2020, 71, 3588-3602.	4.8	48
8	Functional analysis of <i>FRIGIDA</i> using naturally occurring variation in <i>Arabidopsis thaliana</i> . Plant Journal, 2020, 103, 154-165.	5.7	23
9	Sl <i>HAK</i> 20: a new player in plant salt tolerance. EMBO Journal, 2020, 39, e104997.	7.8	8
10	Arabidopsis SME1 Regulates Plant Development and Response to Abiotic Stress by Determining Spliceosome Activity Specificity. Plant Cell, 2019, 31, 537-554.	6.6	42
11	Duplication of a domestication locus neutralized a cryptic variant that caused a breeding barrier in tomato. Nature Plants, 2019, 5, 471-479.	9.3	66
12	Pivotal Roles of Cryptochromes 1a and 2 in Tomato Development and Physiology. Plant Physiology, 2019, 179, 732-748.	4.8	40
13	Prominent alterations of wild barley leaf transcriptome in response to individual and combined drought acclimation and heat shock conditions. Physiologia Plantarum, 2018, 163, 18-29.	5.2	16
14	NPR1 mediates a novel regulatory pathway in cold acclimation by interacting with HSFA1 factors. Nature Plants, 2018, 4, 811-823.	9.3	80
15	Mutations in <i>EID1</i> and <i>LNK2</i> caused light-conditional clock deceleration during tomato domestication. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7135-7140.	7.1	48
16	Allele-specific expression and genetic determinants of transcriptomic variations in response to mild water deficit in tomato. Plant Journal, 2018, 96, 635-650.	5.7	28
17	New Strategies and Tools in Quantitative Genetics: How to Go from the Phenotype to the Genotype. Annual Review of Plant Biology, 2017, 68, 435-455.	18.7	100
18	Multi-Omics of Tomato Glandular Trichomes Reveals Distinct Features of Central Carbon Metabolism Supporting High Productivity of Specialized Metabolites. Plant Cell, 2017, 29, 960-983.	6.6	143

#	ARTICLE	IF	CITATIONS
19	Variation in the flowering gene SELF PRUNING 5G promotes day-neutrality and early yield in tomato. <i>Nature Genetics</i> , 2017, 49, 162-168.	21.4	344
20	A footprint of desiccation tolerance in the genome of <i>Xerophyta viscosa</i> . <i>Nature Plants</i> , 2017, 3, 17038.	9.3	123
21	Construction of a High-Density Genetic Map from RNA-Seq Data for an <i>Arabidopsis</i> Bay-0 Ã— Shahdara RIL Population. <i>Frontiers in Genetics</i> , 2017, 8, 201.	2.3	15
22	CLAUSA is a MYB Transcription Factor that Promotes Leaf Differentiation by Attenuating Cytokinin Signaling. <i>Plant Cell</i> , 2016, 28, tpc.00211.2016.	6.6	40
23	Alternative splicing enhances transcriptome complexity in desiccating seeds. <i>Journal of Integrative Plant Biology</i> , 2016, 58, 947-958.	8.5	26
24	The LSM1-7 Complex Differentially Regulates <i>Arabidopsis</i> Tolerance to Abiotic Stress Conditions by Promoting Selective mRNA Decapping. <i>Plant Cell</i> , 2016, 28, 505-520.	6.6	60
25	Domestication selected for deceleration of the circadian clock in cultivated tomato. <i>Nature Genetics</i> , 2016, 48, 89-93.	21.4	165
26	Analysis of Circadian Leaf Movements. <i>Methods in Molecular Biology</i> , 2016, 1398, 71-79.	0.9	7
27	Targeted and Untargeted Approaches Unravel Novel Candidate Genes and Diagnostic SNPs for Quantitative Resistance of the Potato (<i>Solanum tuberosum</i> L.) to <i>Phytophthora infestans</i> Causing the Late Blight Disease. <i>PLoS ONE</i> , 2016, 11, e0156254.	2.5	51
28	The relationship between flowering time and growth responses to drought in the <i>Arabidopsis</i> <i>Landsberg erecta</i> x <i>Antwerp-1</i> population. <i>Frontiers in Plant Science</i> , 2014, 5, 609.	3.6	44
29	Network types and their application in natural variation studies in plants. <i>Current Opinion in Plant Biology</i> , 2014, 18, 80-86.	7.1	9
30	The genome of the stress-tolerant wild tomato species <i>Solanum pennellii</i> . <i>Nature Genetics</i> , 2014, 46, 1034-1038.	21.4	391
31	Nonsense-Mediated mRNA Decay Modulates Immune Receptor Levels to Regulate Plant Antibacterial Defense. <i>Cell Host and Microbe</i> , 2014, 16, 376-390.	11.0	126
32	Functional analysis of the <i>Landsberg erecta</i> allele of FRIGIDA. <i>BMC Plant Biology</i> , 2014, 14, 218.	3.6	20
33	Comparative transcriptomics reveals patterns of selection in domesticated and wild tomato. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2655-62.	7.1	325
34	Fine genetic mapping of RXopJ4, a bacterial spot disease resistance locus from <i>Solanum pennellii</i> LA716. <i>Theoretical and Applied Genetics</i> , 2013, 126, 601-609.	3.6	51
35	A Quantitative Genetic Basis for Leaf Morphology in a Set of Precisely Defined Tomato Introgression Lines. <i>Plant Cell</i> , 2013, 25, 2465-2481.	6.6	209
36	Native Environment Modulates Leaf Size and Response to Simulated Foliar Shade across Wild Tomato Species. <i>PLoS ONE</i> , 2012, 7, e29570.	2.5	54

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37	Next generation quantitative genetics in plants. <i>Frontiers in Plant Science</i> , 2011, 2, 77.	3.6	11
38	Network Quantitative Trait Loci Mapping of Circadian Clock Outputs Identifies Metabolic Pathway-to-Clock Linkages in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 471-485.	6.6	139
39	Genomic Analysis of QTLs and Genes Altering Natural Variation in Stochastic Noise. <i>PLoS Genetics</i> , 2011, 7, e1002295.	3.5	107
40	Network Analysis Identifies ELF3 as a QTL for the Shade Avoidance Response in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2010, 6, e1001100.	3.5	120
41	Sequence diversity in three tomato species: SNPs, markers, and molecular evolution. <i>BMC Plant Biology</i> , 2009, 9, 85.	3.6	44