Da-Qi Fu

List of Publications by Year
in descending order

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41 papers	2,625 citations	304701 22 h-index	265191 42 g-index
44 all docs	44 docs citations	44 times ranked	2332 citing authors

#	Article	IF	Citations
1	NAC Transcription Factor Family Regulation of Fruit Ripening and Quality: A Review. Cells, 2022, 11, 525.	4.1	55
2	The Roles of BLH Transcription Factors in Plant Development and Environmental Response. International Journal of Molecular Sciences, 2022, 23, 3731.	4.1	14
3	SlRBP1 promotes translational efficiency via SleIF4A2 to maintain chloroplast function in tomato. Plant Cell, 2022, 34, 2747-2764.	6.6	8
4	Deciphering Precise Gene Transcriptional Expression Using gwINTACT in Tomato. Frontiers in Plant Science, 2022, 13, 852206.	3.6	0
5	Applications of virus-induced gene silencing for identification of gene function in fruit. Food Quality and Safety, 2021, 5, .	1.8	5
6	A tomato receptor-like cytoplasmic kinase, SlZRK1, acts as a negative regulator in wound-induced jasmonic acid accumulation and insect resistance. Journal of Experimental Botany, 2021, 72, 7285-7300.	4.8	6
7	Dynamic changes in wax and cutin compounds and the relationship with water loss in 'Red Fuji' and 'Golden Delicious' apples during shelf life. International Journal of Food Science and Technology, 2021, 56, 6335-6344.	2.7	3
8	A tomato NAC transcription factor, SlNAM1, positively regulates ethylene biosynthesis and the onset of tomato fruit ripening. Plant Journal, 2021, 108, 1317-1331.	5.7	29
9	Ethylene Sensor-Enabled Dynamic Monitoring and Multi-Strategies Control for Quality Management of Fruit Cold Chain Logistics. Sensors, 2020, 20, 5830.	3.8	10
10	Molecular and functional diversity of organelle RNA editing mediated by RNA recognition motifâ€containing protein ORRM4 in tomato. New Phytologist, 2020, 228, 570-585.	7.3	13
11	Re-evaluation of the nor mutation and the role of the NAC-NOR transcription factor in tomato fruit ripening. Journal of Experimental Botany, 2020, 71, 3560-3574.	4.8	120
12	Metabolomic and Transcriptomic Analyses Reveal That a MADS-Box Transcription Factor TDR4 Regulates Tomato Fruit Quality. Frontiers in Plant Science, 2019, 10, 792.	3.6	17
13	Diversity and redundancy of the ripening regulatory networks revealed by the fruitENCODE and the new CRISPR/Cas9 CNR and NOR mutants. Horticulture Research, 2019, 6, 39.	6.3	112
14	Genome-wide identification of long non-coding RNA targets of the tomato MADS box transcription factor RIN and function analysis. Annals of Botany, 2019, 123, 469-482.	2.9	39
15	Virus-Induced Gene Silencing of the Eggplant Chalcone Synthase Gene during Fruit Ripening Modifies Epidermal Cells and Gravitropism. Journal of Agricultural and Food Chemistry, 2018, 66, 2623-2629.	5.2	15
16	<scp>BEL</scp>1â€<scp>LIKE HOMEODOMAIN</scp> 11 regulates chloroplast development and chlorophyll synthesis in tomato fruit. Plant Journal, 2018, 94, 1126-1140.	5.7	76
17	CRISPR/Cas9â€mediated mutagenesis of lncRNA1459 alters tomato fruit ripening. Plant Journal, 2018, 94, 513-524.	5.7	212
18	Multiplexed CRISPR/Cas9â€mediated metabolic engineering of Î³â€aminobutyric acid levels in Solanum lycopersicum. Plant Biotechnology Journal, 2018, 16, 415-427.	8.3	234

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19	The RIN-MC Fusion of MADS-Box Transcription Factors Has Transcriptional Activity and Modulates Expression of Many Ripening Genes. Plant Physiology, 2018, 176, 891-909.	4.8	94
20	A NAC transcription factor, NOR-like1, is a new positive regulator of tomato fruit ripening. Horticulture Research, 2018, 5, 75.	6.3	152
21	Tomato DCL2b is required for the biosynthesis of 22-nt small RNAs, the resulting secondary siRNAs, and the host defense against ToMV. Horticulture Research, 2018, 5, 62.	6.3	55
22	Manipulation of Light Signal Transduction Factors as a Means of Modifying Steroidal Glycoalkaloids Accumulation in Tomato Leaves. Frontiers in Plant Science, 2018, 9, 437.	3.6	23
23	Lycopene Is Enriched in Tomato Fruit by CRISPR/Cas9-Mediated Multiplex Genome Editing. Frontiers in Plant Science, 2018, 9, 559.	3.6	249
24	Role of the tomato TAGL1 gene in regulating fruit metabolites elucidated using RNA sequence and metabolomics analyses. PLoS ONE, 2018, 13, e0199083.	2.5	17
25	A Viral Satellite DNA Vector (TYLCCNV) for Functional Analysis of miRNAs and siRNAs in Plants. Plant Physiology, 2017, 173, 1940-1952.	4.8	14
26	The RNA Editing Factor SlORRM4 Is Required for Normal Fruit Ripening in Tomato. Plant Physiology, 2017, 175, 1690-1702.	4.8	78
27	The role of phytochromes in regulating biosynthesis of sterol glycoalkaloid in eggplant leaves. PLoS ONE, 2017, 12, e0189481.	2.5	10
28	Role of the Tomato Non-Ripening Mutation in Regulating Fruit Quality Elucidated Using iTRAQ Protein Profile Analysis. PLoS ONE, 2016, 11, e0164335.	2.5	29
29	Silencing of the SlNAP7 gene influences plastid development and lycopene accumulation in tomato. Scientific Reports, 2016, 6, 38664.	3.3	10
30	A viral satellite DNA vector-induced transcriptional gene silencing via DNA methylation of gene promoter in Nicotiana benthamiana. Virus Research, 2016, 223, 99-107.	2.2	8
31	Genome-wide analysis of tomato NF-Y factors and their role in fruit ripening. BMC Genomics, 2016, 17, 36.	2.8	70
32	Regulations on growth and development in tomato cotyledon, flower and fruit via destruction of miR396 with short tandem target mimic. Plant Science, 2016, 247, 1-12.	3.6	85
33	Efficient Virus-Induced Gene Silencing in Solanum rostratum. PLoS ONE, 2016, 11, e0156228.	2.5	9
34	Transcriptome Analysis Provides a Preliminary Regulation Route of the Ethylene Signal Transduction Component, SlEIN2, during Tomato Ripening. PLoS ONE, 2016, 11, e0168287.	2.5	26
35	Functional Analysis and RNA Sequencing Indicate the Regulatory Role of Argonaute1 in Tomato Compound Leaf Development. PLoS ONE, 2015, 10, e0140756.	2.5	7
36	RNA sequencing and functional analysis implicate the regulatory role of long non-coding RNAs in tomato fruit ripening. Journal of Experimental Botany, 2015, 66, 4483-4495.	4.8	214

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37	Genome-wide identification of cytosine-5 DNA methyltransferases and demethylases in Solanum lycopersicum. Gene, 2014, 550, 230-237.	2.2	54
38	<scp>SRNAome</scp> parsing yields insights into tomato fruit ripening control. Physiologia Plantarum, 2013, 149, 540-553.	5.2	12
39	Virusâ€induced Gene Silencing in Eggplant (Solanum melongena). Journal of Integrative Plant Biology, 2012, 54, 422-429.	8.5	48
40	Enhancement of virus-induced gene silencing in tomato by low temperature and low humidity. Molecules and Cells, 2006, 21, 153-60.	2.6	53
41	Virus-induced gene silencing in tomato fruit. Plant Journal, 2005, 43, 299-308.	5.7	328