Xuefeng Xv

List of Publications by Year
in descending order

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36	848	430874	526287
papers	citations	18	27
		h-index	g-index

36	36	36	742
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High miR156 Expression Is Required for Auxin-Induced Adventitious Root Formation via MxSPL26 Independent of PINs and ARFs in Malus xiaojinensis. Frontiers in Plant Science, 2017, 8, 1059.	3.6	74
2	Apple fruit acidity is genetically diversified by natural variations in three hierarchical epistatic genes: MdSAUR37, MdPP2CH and MdALMTII. Plant Journal, 2018, 95, 427-443.	5.7	71
3	ERF4 affects fruit firmness through TPL4 by reducing ethylene production. Plant Journal, 2020, 103, 937-950.	5.7	51
4	Natural Variation Underlies Differences in ETHYLENE RESPONSE FACTOR17 Activity in Fruit Peel Degreening. Plant Physiology, 2018, 176, 2292-2304.	4.8	47
5	The ethylene response factor AtERF4 negatively regulates the iron deficiency response in Arabidopsis thaliana. PLoS ONE, 2017, 12, e0186580.	2.5	43
6	A long nonâ€coding apple RNA, MSTRG.85814.11, acts as a transcriptional enhancer of SAUR32 and contributes to the Feâ€deficiency response. Plant Journal, 2020, 103, 53-67.	5.7	42
7	Ethylene response factor AtERF72 negatively regulates Arabidopsis thaliana response to iron deficiency. Biochemical and Biophysical Research Communications, 2017, 491, 862-868.	2.1	40
8	Reactive Oxygen Species Function to Mediate the Fe Deficiency Response in an Fe-Efficient Apple Genotype: An Early Response Mechanism for Enhancing Reactive Oxygen Production. Frontiers in Plant Science, 2016, 7, 1726.	3.6	34
9	Identification of new regulators through transcriptome analysis that regulate anthocyanin biosynthesis in apple leaves at low temperatures. PLoS ONE, 2019, 14, e0210672.	2.5	34
10	Natural variation in cytokinin maintenance improves salt tolerance in apple rootstocks. Plant, Cell and Environment, 2019, 42, 424-436.	5.7	32
11	Ethylene response factor MdERF4 and histone deacetylase MdHDA19 suppress apple fruit ripening through histone deacetylation of ripening-related genes. Plant Physiology, 2022, 188, 2166-2181.	4.8	29
12	Methylation effect on IPT5b gene expression determines cytokinin biosynthesis in apple rootstock. Biochemical and Biophysical Research Communications, 2017, 482, 604-609.	2.1	28
13	At<scp>ROP</scp>6 is involved in reactive oxygen species signaling in response to ironâ€deficiency stress in Arabidopsis thaliana. FEBS Letters, 2018, 592, 3446-3459.	2.8	28
14	Mapping Gene Markers for Apple Fruit Ring Rot Disease Resistance Using a Multi-omics Approach. G3: Genes, Genomes, Genetics, 2019, 9, 1663-1678.	1.8	27
15	Groupâ€C/S1 bZIP heterodimers regulate MdIPT5b to negatively modulate drought tolerance in apple species. Plant Journal, 2021, 107, 399-417.	5.7	24
16	MxMPK6-2-bHLH104 interaction is involved in reactive oxygen species signaling in response to iron deficiency in apple rootstock. Journal of Experimental Botany, 2021, 72, 1919-1932.	4.8	24
17	Ethylene Response Factors MbERF4 and MbERF72 Suppress Iron Uptake in Woody Apple Plants by Modulating Rhizosphere pH. Plant and Cell Physiology, 2020, 61, 699-711.	3.1	23
18	MdPIN1b encodes a putative auxin efflux carrier and has different expression patterns in BC and M9 apple rootstocks. Plant Molecular Biology, 2018, 96, 353-365.	3.9	21

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19	Genome-Wide Identification and Characterization of ABC Transporters in Nine Rosaceae Species Identifying MdABCG28 as a Possible Cytokinin Transporter linked to Dwarfing. International Journal of Molecular Sciences, 2019, 20, 5783.	4.1	21
20	Downregulation of the auxin transporter gene SlPIN8 results in pollen abortion in tomato. Plant Molecular Biology, 2019, 99, 561-573.	3.9	20
21	Genomics-assisted prediction of salt and alkali tolerances and functional marker development in apple rootstocks. BMC Genomics, 2020, 21, 550.	2.8	17
22	An HDâ€ZIP transcription factor, MxHB13, integrates auxinâ€regulated and juvenilityâ€determined control of adventitious rooting in Malus xiaojinensis. Plant Journal, 2021, 107, 1663-1680.	5.7	16
23	Phosphorylation of MdERF17 by MdMPK4 promotes apple fruit peel degreening during light/dark transitions. Plant Cell, 2022, 34, 1980-2000.	6.6	16
24	Quantitative trait lociâ€based genomicsâ€assisted prediction for the degree of apple fruit cover color. Plant Genome, 2020, 13, e20047.	2.8	12
25	Siderophore production in pseudomonas SP. strain <scp>SP3</scp> enhances iron acquisition in apple rootstock. Journal of Applied Microbiology, 2022, , .	3.1	11
26	MdGGT1 Impacts Apple miR156 Precursor Levels via Ontogenetic Changes in Subcellular Glutathione Homeostasis. Frontiers in Plant Science, 2019, 10, 994.	3.6	7
27	Î³-Aminobutyric Acid Participates in the Adult-Phase Adventitious Rooting Recalcitrance. Journal of Plant Growth Regulation, 2021, 40, 1981-1991.	5.1	7
28	Application of genome-wide insertion/deletion markers on genetic structure analysis and identity signature of Malus accessions. BMC Plant Biology, 2020, 20, 540.	3.6	7
29	MdMADS6 Recruits Histone Deacetylase MdHDA19 to Repress the Expression of the Carotenoid Synthesis-Related Gene MdCCD1 during Fruit Ripening. Plants, 2022, 11, 668.	3.5	7
30	Intricate genetic variation networks control the adventitious root growth angle in apple. BMC Genomics, 2020, 21, 852.	2.8	6
31	MxRop1-MxrbohD1 interaction mediates ROS signaling in response to iron deficiency in the woody plant Malus xiaojinensis. Plant Science, 2021, 313, 111071.	3.6	6
32	MdNRT2.4 interacts with rhizosphere bacteria to enhance nitrate uptake in apple rootstocks. Journal of Experimental Botany, 0, , .	4.8	6
33	MicroRNA156 (miR156) Negatively Impacts Mg-Protoporphyrin IX (Mg-Proto IX) Biosynthesis and Its Plastid-Nucleus Retrograde Signaling in Apple. Plants, 2020, 9, 653.	3.5	5
34	RBP differentiation contributes to selective transmissibility of OPT3 mRNAs. Plant Physiology, 2021, 187, 1587-1604.	4.8	5
35	Longâ€distance mobile mRNA CAX3 modulates iron uptake and zinc compartmentalization. EMBO Reports, 2022, 23, e53698.	4.5	4
36	The Artificial Promoter rMdAG2I Confers Flower-specific Activity in Malus. International Journal of Molecular Sciences, 2019, 20, 4551.	4.1	3