

Red colouration in apple fruit is due to the activity of the MdMYB10

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Isolation and Functional Analysis of a MYB Transcription Factor Gene that is a Key Regulator for the Development of Red Coloration in Apple Skin. <i>Plant and Cell Physiology</i> , 2007, 48, 958-970.	1.5	515
2	Genomics For Improvement Of Rosaceae Temperate Tree Fruit. , 2007, , 357-397.		3
3	Transcriptional control of anthocyanin biosynthetic genes in extreme phenotypes for berry pigmentation of naturally occurring grapevines. <i>BMC Plant Biology</i> , 2007, 7, 46.	1.6	189
4	Mapping a candidate gene (MdMYB10) for red flesh and foliage colour in apple. <i>BMC Genomics</i> , 2007, 8, 212.	1.2	195
5	Biotechnology of flavonoids and other phenylpropanoid-derived natural products. Part II: Reconstruction of multienzyme pathways in plants and microbes. <i>Biotechnology Journal</i> , 2007, 2, 1235-1249.	1.8	96
6	Maize Lc transcription factor enhances biosynthesis of anthocyanins, distinct proanthocyanidins and phenylpropanoids in apple (<i>Malus domestica</i> Borkh.). <i>Planta</i> , 2007, 226, 1243-1254.	1.6	92
7	Evolution and current status of research in phenolic compounds. <i>Phytochemistry</i> , 2007, 68, 2722-2735.	1.4	507
8	Development of an STS map of an interspecific progeny of <i>Malus</i> . <i>Tree Genetics and Genomes</i> , 2008, 4, 469-479.	0.6	50
10	<i>Arabidopsis</i> R2R3-MYB transcription factor AtMYB60 functions as a transcriptional repressor of anthocyanin biosynthesis in lettuce (<i>Lactuca sativa</i>). <i>Plant Cell Reports</i> , 2008, 27, 985-994.	2.8	105
11	Cisgenesis, a New Tool for Traditional Plant Breeding, Should be Exempted from the Regulation on Genetically Modified Organisms in a Step by Step Approach. <i>Potato Research</i> , 2008, 51, 75-88.	1.2	65
12	Isolation and characterization of a novel glycosyltransferase that converts phloretin to phlorizin, a potent antioxidant in apple. <i>FEBS Journal</i> , 2008, 275, 3804-3814.	2.2	90
13	Red "Anjou"™ pear has a higher photoprotective capacity than green "Anjou"™. <i>Physiologia Plantarum</i> , 2008, 134, 486-498.	2.6	44
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15	Engineered native pathways for high kaempferol and caffeoylquinic acid production in potato. <i>Plant Biotechnology Journal</i> , 2008, 6, 870-886.	4.1	77
16	MYB transcription factors that colour our fruit. <i>Trends in Plant Science</i> , 2008, 13, 99-102.	4.3	594
17	Relationship Between Anthocyanin Biosynthesis and Related Enzymes Activity in <i>Pyrus pyrifolia</i> Mantianhong and Its Bud Sports Aoguan. <i>Agricultural Sciences in China</i> , 2008, 7, 1318-1323.	0.6	10
18	Apples. , 2008, , 1-38.		14
19	Molecular Aspects of Anthocyanin fruit Tomato in Relation to high pigment-1. <i>Journal of Heredity</i> , 2008, 99, 292-303.	1.0	77

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21	Identification of target genes for a MYB-type anthocyanin regulator in <i>Gerbera hybrida</i> . <i>Journal of Experimental Botany</i> , 2008, 59, 3691-3703.	2.4	91
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28	Shift in polyphenol profile and sublethal phenotype caused by silencing of anthocyanidin synthase in apple (<i>Malus sp.</i>). <i>Planta</i> , 2009, 229, 681-692.	1.6	61
29	A MYB transcription factor regulates anthocyanin biosynthesis in mangosteen (<i>Garcinia mangostana</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 10 T	1.6	20
30	Transcriptional regulation of anthocyanin biosynthesis in red cabbage. <i>Planta</i> , 2009, 230, 1141-1153.	1.6	152
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35	Mapping QTLs for developmental traits in raspberry from bud break to ripe fruit. <i>Theoretical and Applied Genetics</i> , 2009, 118, 1143-1155.	1.8	49
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39	Light-induced expression of basic helix-loop-helix genes involved in anthocyanin biosynthesis in flowers and leaves of Asiatic hybrid lily. <i>Scientia Horticulturae</i> , 2009, 121, 84-91.	1.7	68
40	The elevated anthocyanin level in the shaded peel of 'Anjou' pear enhances its tolerance to high temperature under high light. <i>Plant Science</i> , 2009, 177, 418-426.	1.7	31
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48	A WD40-repeat gene from <i>Malus domestica</i> is a functional homologue of <i>Arabidopsis thaliana</i> TRANSPARENT TESTA GLABRA1. <i>Plant Cell Reports</i> , 2010, 29, 285-294.	2.8	78
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50	Transgenic apple plants overexpressing the Lc gene of maize show an altered growth habit and increased resistance to apple scab and fire blight. <i>Planta</i> , 2010, 231, 623-635.	1.6	46
51	Coordinated regulation of anthocyanin biosynthesis in Chinese bayberry (<i>Myrica rubra</i>) fruit by a R2R3 MYB transcription factor. <i>Planta</i> , 2010, 231, 887-899.	1.6	254
52	Isolation and functional characterization of a floral tissue-specific R2R3 MYB regulator from tobacco. <i>Planta</i> , 2010, 231, 1061-1076.	1.6	143
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57	Isolation of WDR and bHLH genes related to flavonoid synthesis in grapevine (<i>Vitis vinifera</i> L.). <i>Plant Molecular Biology</i> , 2010, 72, 607-620.	2.0	190
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68	The Basic Helix-Loop-Helix Transcription Factor MYC1 Is Involved in the Regulation of the Flavonoid Biosynthesis Pathway in Grapevine. <i>Molecular Plant</i> , 2010, 3, 509-523.	3.9	313
69	Managing Phenol Contents in Crop Plants by Phytochemical Farming and Breeding: Visions and Constraints. <i>International Journal of Molecular Sciences</i> , 2010, 11, 807-857.	1.8	179
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80	High temperature reduces apple fruit colour via modulation of the anthocyanin regulatory complex. <i>Plant, Cell and Environment</i> , 2011, 34, 1176-1190.	2.8	330
81	Identification and characterisation of F3GT1 and F3GGT1, two glycosyltransferases responsible for anthocyanin biosynthesis in red-fleshed kiwifruit (<i>Actinidia chinensis</i>). <i>Plant Journal</i> , 2011, 65, 106-118.	2.8	164
82	Evolutionary and comparative analysis of MYB and bHLH plant transcription factors. <i>Plant Journal</i> , 2011, 66, 94-116.	2.8	1,014
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84	Combined transcription factor profiling, microarray analysis and metabolite profiling reveals the transcriptional control of metabolic shifts occurring during tomato fruit development. <i>Plant Journal</i> , 2011, 68, 999-1013.	2.8	118
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109	Seasonal Abscisic Acid Signal and a Basic Leucine Zipper Transcription Factor, DkbZIP5, Regulate Proanthocyanidin Biosynthesis in Persimmon Fruit. <i>Plant Physiology</i> , 2012, 158, 1089-1102.	2.3	66
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111	Retrotransposons Control Fruit-Specific, Cold-Dependent Accumulation of Anthocyanins in Blood Oranges. <i>Plant Cell</i> , 2012, 24, 1242-1255.	3.1	591

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128	An Ancient Duplication of Apple MYB Transcription Factors Is Responsible for Novel Red Fruit-Flesh Phenotypes. <i>Plant Physiology</i> , 2012, 161, 225-239.	2.3	272
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145	A genomics approach to understanding the role of auxin in apple (<i>Malus x domestica</i>) fruit size control. BMC Plant Biology, 2012, 12, 7.	1.6	170
146	A putative functional MYB transcription factor induced by low temperature regulates anthocyanin biosynthesis in purple kale (<i>Brassica Oleracea</i> var. <i>acephala</i> f. <i>tricolor</i>). Plant Cell Reports, 2012, 31, 281-289.	2.8	122
147	Identification of differentially expressed genes related to coloration in red/green mutant pear (<i>Pyrus</i>) Tj ETQq1 1 0.784314 rgBT /Overl	0.6	50
148	The effect of fruit bagging on the color, phenolic compounds and expression of the anthocyanin biosynthetic and regulatory genes on the 'Granny Smith'™ apples. European Food Research and Technology, 2013, 237, 875-885.	1.6	29
149	The MrWD40-1 Gene of Chinese Bayberry (<i>Myrica rubra</i>) Interacts with MYB and bHLH to Enhance Anthocyanin Accumulation. Plant Molecular Biology Reporter, 2013, 31, 1474-1484.	1.0	65

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152	Novel genomic approaches unravel genetic architecture of complex traits in apple. <i>BMC Genomics</i> , 2013, 14, 393.	1.2	115
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#	ARTICLE	IF	CITATIONS
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290	The effects of fruit bagging on levels of phenolic compounds and expression by anthocyanin biosynthetic and regulatory genes in red-fleshed apples. <i>Process Biochemistry</i> , 2015, 50, 1774-1782.	1.8	37
291	Cisgenic apple trees; development, characterization, and performance. <i>Frontiers in Plant Science</i> , 2015, 6, 286.	1.7	64
292	Anthocyanin accumulation and related gene family expression in the skin of dark-grown red and non-red apples (<i>Malus domestica</i> Borkh.) in response to sunlight. <i>Scientia Horticulturae</i> , 2015, 189, 66-73.	1.7	18
293	In the Solanaceae, a hierarchy of bHLHs confer distinct target specificity to the anthocyanin regulatory complex. <i>Journal of Experimental Botany</i> , 2015, 66, 1427-1436.	2.4	117
294	Role of transcriptional regulation in the evolution of plant phenotype: A dynamic systems approach. <i>Developmental Dynamics</i> , 2015, 244, 1074-1095.	0.8	15
295	Differential Transcription Factor Networks Orchestrate Flavonoid Biosynthesis. , 2015, , 69-91.		0
296	Molecular characterization of genes encoding leucoanthocyanidin reductase involved in proanthocyanidin biosynthesis in apple. <i>Frontiers in Plant Science</i> , 2015, 6, 243.	1.7	58
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299	MYB Transcription Factors as Regulators of Phenylpropanoid Metabolism in Plants. <i>Molecular Plant</i> , 2015, 8, 689-708.	3.9	674
300	Anthocyanin Accumulation and Molecular Analysis of Correlated Genes in Purple Kohlrabi (<i>Brassica oleracea</i> var. <i>gongylodes</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4160-4169.	2.4	65
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302	A standard nomenclature for gene designation in the Rosaceae. <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	0.6	17
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304	Anthocyanin composition and expression analysis of anthocyanin biosynthetic genes in kidney bean pod. <i>Plant Physiology and Biochemistry</i> , 2015, 97, 304-312.	2.8	22
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307	Carotenoid accumulation affects redox status, starch metabolism, and flavonoid/anthocyanin accumulation in citrus. <i>BMC Plant Biology</i> , 2015, 15, 27.	1.6	53
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310	Photoprotection mechanism in the "Fuji" apple peel at different levels of photooxidative sunburn. <i>Physiologia Plantarum</i> , 2015, 154, 54-65.	2.6	33
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312	Phenolic compounds and antioxidant activity in red-fleshed apples. <i>Journal of Functional Foods</i> , 2015, 18, 1086-1094.	1.6	115
313	Effect of auxin, cytokinin and nitrogen on anthocyanin biosynthesis in callus cultures of red-fleshed apple (<i>Malus sieversii</i> f. <i>niedzwetzkyana</i>). <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 325-337.	1.2	101
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319	Identification of differentially expressed genes implicated in peel color (red and green) of <i>Dimocarpus confinis</i> . <i>SpringerPlus</i> , 2016, 5, 1088.	1.2	9
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329	Analysis of anthocyanin biosynthesis genes expression profiles in contrasting cultivars of Japanese plum (<i>Prunus salicina</i> L.) during fruit development. <i>Gene Expression Patterns</i> , 2016, 21, 54-62.	0.3	46
330	Use of mRNA-seq data to select <i>Malus Æ— domestica</i> (apple) genes for use as quantitative PCR reference genes. <i>Acta Horticulturae</i> , 2016, , 179-184.	0.1	1
331	Identification and characterization of DcUCCGalT1, a galactosyltransferase responsible for anthocyanin galactosylation in purple carrot (<i>Daucus carota</i> L.) taproots. <i>Scientific Reports</i> , 2016, 6, 27356.	1.6	30
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335	Epigenetic regulation of MdMYB1 is associated with paper bagging-induced red pigmentation of apples. <i>Planta</i> , 2016, 244, 573-586.	1.6	47
336	Physiological and molecular characteristics of two ploidy mutants in <i>Myrica rubra</i> cv. Dongkui. <i>Journal of Integrative Agriculture</i> , 2016, 15, 1458-1468.	1.7	0
337	Synergistic effects of light and temperature on anthocyanin biosynthesis in callus cultures of red-fleshed apple (<i>Malus sieversii</i> f. <i>niedzwetzkyana</i>). <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 127, 217-227.	1.2	54
338	Genome-wide identification and characterization of R2R3MYB family in Rosaceae. <i>Genomics Data</i> , 2016, 9, 50-57.	1.3	12
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340	Efficient Genome Editing in Apple Using a CRISPR/Cas9 system. <i>Scientific Reports</i> , 2016, 6, 31481.	1.6	270
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342	Two IIIf Clade-bHLHs from <i>Freesia hybrida</i> Play Divergent Roles in Flavonoid Biosynthesis and Trichome Formation when Ectopically Expressed in <i>Arabidopsis</i> . <i>Scientific Reports</i> , 2016, 6, 30514.	1.6	45
343	Physiological and genetic control of red skin colouration in apples grown under warm and cool conditions. <i>Acta Horticulturae</i> , 2016, , 27-34.	0.1	2
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345	A functional genetic marker for apple red skin coloration across different environments. <i>Tree Genetics and Genomes</i> , 2016, 12, 1.	0.6	32
346	Genome-Wide Analysis of the R2R3 MYB Subfamily Genes in Lotus (<i>Nelumbo nucifera</i>). <i>Plant Molecular Biology Reporter</i> , 2016, 34, 1016-1026.	1.0	16
347	MYB transcription factor isolated from <i>Raphanus sativus</i> enhances anthocyanin accumulation in <i>chrysanthemum</i> cultivars. <i>3 Biotech</i> , 2016, 6, 79.	1.1	4
348	Genome-wide analysis of tomato NF-Y factors and their role in fruit ripening. <i>BMC Genomics</i> , 2016, 17, 36.	1.2	70
349	An optimized TRV-based virus-induced gene silencing protocol for <i>Malus crabapple</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 126, 499-509.	1.2	29
350	Light affects anthocyanin biosynthesis via transcriptional regulation of COP1 in the ever-red leaves of crabapple M.cv. "Royalty". <i>Revista Brasileira De Botanica</i> , 2016, 39, 659-667.	0.5	5
351	Overexpression of <i>PtrMYB119</i> , a R2R3-MYB transcription factor from <i>Populus trichocarpa</i> , promotes anthocyanin production in hybrid poplar. <i>Tree Physiology</i> , 2016, 36, 1162-1176.	1.4	71

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354	MdMYB1 Regulates Anthocyanin and Malate Accumulation by Directly Facilitating Their Transport into Vacuoles in Apples. <i>Plant Physiology</i> , 2016, 170, 1315-1330.	2.3	203
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357	A DNA test for routine prediction in breeding of sweet cherry fruit color, Pav-Rf-SSR. <i>Molecular Breeding</i> , 2016, 36, 1.	1.0	22
358	Genome-Wide Identification, Evolution and Functional Divergence of MYB Transcription Factors in Chinese White Pear (<i>Pyrus bretschneideri</i>). <i>Plant and Cell Physiology</i> , 2016, 57, 824-847.	1.5	89
359	Evolutionary origin of Rosaceae-specific active non-autonomous hAT elements and their contribution to gene regulation and genomic structural variation. <i>Plant Molecular Biology</i> , 2016, 91, 179-191.	2.0	7
360	Activation of anthocyanin biosynthesis by expression of the radish R2R3-MYB transcription factor gene RsMYB1. <i>Plant Cell Reports</i> , 2016, 35, 641-653.	2.8	73
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362	Molecular Characterization of Ethylene-Regulated Anthocyanin Biosynthesis in Plums During Fruit Ripening. <i>Plant Molecular Biology Reporter</i> , 2016, 34, 777-785.	1.0	78
363	Expression analysis of candidate cell wall-related genes associated with changes in pectin biochemistry during postharvest apple softening. <i>Postharvest Biology and Technology</i> , 2016, 112, 176-185.	2.9	61
364	Initiation of ripening capacity in 1-MCP treated green and red 'Anjou'™ pears and associated expression of genes related to ethylene biosynthesis and perception following cold storage and post-storage ethylene conditioning. <i>Postharvest Biology and Technology</i> , 2016, 111, 140-149.	2.9	17
365	Gene transcript profiles in the desert plant <i>Nitraria tangutorum</i> during fruit development and ripening. <i>Molecular Genetics and Genomics</i> , 2016, 291, 383-398.	1.0	4
366	Ethylene and 1-MCP regulate major volatile biosynthetic pathways in apple fruit. <i>Food Chemistry</i> , 2016, 194, 325-336.	4.2	115
367	MYB12 and MYB22 play essential roles in proanthocyanidin and flavonol synthesis in red-fleshed apple (<i>Malus sieversii</i> f. <i>niedzwetzkyana</i>). <i>Plant Journal</i> , 2017, 90, 276-292.	2.8	235
368	Novel R2R3-MYB transcription factors from <i>Prunus americana</i> regulate differential patterns of anthocyanin accumulation in tobacco and citrus. <i>GM Crops and Food</i> , 2017, 8, 85-105.	2.0	29
369	Integrated analysis of multiomic data reveals the role of the antioxidant network in the quality of sea buckthorn berry. <i>FASEB Journal</i> , 2017, 31, 1929-1938.	0.2	20

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371	Varietal differences in phenolic compounds metabolism of type 2 red-fleshed apples. <i>Scientia Horticulturae</i> , 2017, 219, 1-9.	1.7	16
372	Involvement of PAL, C4H, and 4CL in Chilling Injury-induced Flesh Lignification of Loquat Fruit. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 127-131.	0.5	28
373	MYBs affect the variation in the ratio of anthocyanin and flavanol in fruit peel and flesh in response to shade. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 168, 40-49.	1.7	20
374	Metabolic engineering of apple by overexpression of the MdMyb10 gene. <i>Journal of Genetic Engineering and Biotechnology</i> , 2017, 15, 263-273.	1.5	7
375	A DNA test for routine prediction in breeding of peach blush, Ppe-Rf-SSR. <i>Molecular Breeding</i> , 2017, 37, 1.	1.0	17
376	McMYB12 Transcription Factors Co-regulate Proanthocyanidin and Anthocyanin Biosynthesis in Malus Crabapple. <i>Scientific Reports</i> , 2017, 7, 43715.	1.6	64
377	Fagopyrum tataricum FtWD40 Functions as a Positive Regulator of Anthocyanin Biosynthesis in Transgenic Tobacco. <i>Journal of Plant Growth Regulation</i> , 2017, 36, 755-765.	2.8	19
378	The MYB transcription factor StMYBA1 from potato requires light to activate anthocyanin biosynthesis in transgenic tobacco. <i>Journal of Plant Biology</i> , 2017, 60, 93-101.	0.9	24
379	A MYB transcription factor, DcMYB6, is involved in regulating anthocyanin biosynthesis in purple carrot taproots. <i>Scientific Reports</i> , 2017, 7, 45324.	1.6	102
380	The Structure and Methylation Level of the McMYB10 Promoter Determine the Leaf Color of Malus Crabapple. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 520-526.	0.5	8
381	Effects of combined pulsed electric fields and mild temperature pasteurization on microbial inactivation and physicochemical properties of cloudy red apple juice (<i>Malus pumila</i>) Tj ETQq1 1 0.784314 r gBT /Overlock 10 TTS		
382	A SNP in the promoter region of the VvmybA1 gene is responsible for differences in grape berry color between two related bud sports of grape. <i>Plant Growth Regulation</i> , 2017, 82, 457-465.	1.8	11
383	The small ubiquitin-like modifier E3 ligase MdSIZ1 promotes anthocyanin accumulation by sumoylating MdMYB1 under low temperature conditions in apple. <i>Plant, Cell and Environment</i> , 2017, 40, 2068-2080.	2.8	75
384	Effects of methyl jasmonate and abscisic acid on anthocyanin biosynthesis in callus cultures of red-fleshed apple (<i>Malus sieversii</i> f. <i>niedzwetzkyana</i>). <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 130, 227-237.	1.2	30
385	A R2R3-MYB Gene <i>LfMYB113</i> is Responsible for Autumn Leaf Coloration in Formosan sweet gum (<i>Liquidambar formosana</i> Hance). <i>Plant and Cell Physiology</i> , 2017, 58, pcw228.	1.5	17
386	MdHIR proteins repress anthocyanin accumulation by interacting with the MdJAZ2 protein to inhibit its degradation in apples. <i>Scientific Reports</i> , 2017, 7, 44484.	1.6	10
387	PtrMYB57 contributes to the negative regulation of anthocyanin and proanthocyanidin biosynthesis in poplar. <i>Plant Cell Reports</i> , 2017, 36, 1263-1276.	2.8	81

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389	MdHB1 down-regulation activates anthocyanin biosynthesis in the white-fleshed apple cultivar "Granny Smith". <i>Journal of Experimental Botany</i> , 2017, 68, 1055-1069.	2.4	76
390	Flower Color and Pigmentation Patterns in <i>Phalaenopsis</i> Orchids. , 2017, , 393-420.		4
391	MdSnRK1.1 interacts with MdJAZ18 to regulate sucrose-induced anthocyanin and proanthocyanidin accumulation in apple. <i>Journal of Experimental Botany</i> , 2017, 68, 2977-2990.	2.4	101
392	The bZIP transcription factor MdHY5 regulates anthocyanin accumulation and nitrate assimilation in apple. <i>Horticulture Research</i> , 2017, 4, 17023.	2.9	216
393	Identification and expression analysis under abiotic stress of the R2R3-MYB genes in <i>Ginkgo biloba</i> L.. <i>Physiology and Molecular Biology of Plants</i> , 2017, 23, 503-516.	1.4	25
394	Cloning and elucidation of the functional role of apple MdLBD13 in anthocyanin biosynthesis and nitrate assimilation. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 130, 47-59.	1.2	36
395	McMYB10 regulates anthocyanins and quercetin accumulation during the fruit development of crabapples. <i>Journal of Horticultural Science and Biotechnology</i> , 2017, , 1-9.	0.9	1
396	Transcriptome analysis of bagging-treated red Chinese sand pear peels reveals light-responsive pathway functions in anthocyanin accumulation. <i>Scientific Reports</i> , 2017, 7, 63.	1.6	67
397	The molecular mechanism underlying anthocyanin metabolism in apple using the MdMYB16 and MdbHLH33 genes. <i>Plant Molecular Biology</i> , 2017, 94, 149-165.	2.0	151
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402	Apple RING E3 ligase MdMIEL1 inhibits anthocyanin accumulation by ubiquitinating and degrading MdMYB1 protein. <i>Plant and Cell Physiology</i> , 2017, 58, 1953-1962.	1.5	46
403	Isolation and functional characterization of a R2R3-MYB regulator of <i>Prunus mume</i> anthocyanin biosynthetic pathway. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 131, 417-429.	1.2	55
404	Map-based cloning of the pear gene <i>MYB114</i> identifies an interaction with other transcription factors to coordinately regulate fruit anthocyanin biosynthesis. <i>Plant Journal</i> , 2017, 92, 437-451.	2.8	279
405	Cloning and expression profiling of the PacSnRK2 and PacPP2C gene families during fruit development, ABA treatment, and dehydration stress in sweet cherry. <i>Plant Physiology and Biochemistry</i> , 2017, 119, 275-285.	2.8	33

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407	The ectopic expression of apple MYB1 and bHLH3 differentially activates anthocyanin biosynthesis in tobacco. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 131, 183-194.	1.2	15
408	Identification of genic SSRs in jute (<i>Corchorus capsularis</i> , Malvaceae) and development of markers for phenylpropanoid biosynthesis genes and regulatory genes. <i>Plant Breeding</i> , 2017, 136, 784-797.	1.0	11
409	Medicine is not health care, food is health care: plant metabolic engineering, diet and human health. <i>New Phytologist</i> , 2017, 216, 699-719.	3.5	94
410	Biosynthesis and Regulation of Phenylpropanoids in Plants. <i>Critical Reviews in Plant Sciences</i> , 2017, 36, 257-290.	2.7	328
411	MdMYB4 enhances apple callus salt tolerance by increasing MdNHX1 expression levels. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 131, 283-293.	1.2	19
412	Effect of maturation on the bulk optical properties of apple skin and cortex in the 500–1850 nm wavelength range. <i>Journal of Food Engineering</i> , 2017, 214, 79-89.	2.7	57
413	Allelic composition of MdMYB1 drives red skin color intensity in apple (<i>Malus domestica</i> Borkh.) and its application to breeding. <i>Euphytica</i> , 2017, 213, 1.	0.6	13
414	Evaluation of a MdMYB10/GFP43 fusion gene for its suitability to act as reporter gene in promoter studies in <i>Fragaria vesca</i> L. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 130, 345-356.	1.2	4
415	Identification of anthocyanin biosynthesis related microRNAs in a distinctive Chinese radish (<i>Raphanus sativus</i> L.) by high-throughput sequencing. <i>Molecular Genetics and Genomics</i> , 2017, 292, 215-229.	1.0	35
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417	Estimation of the degree of red coloration in flesh of a red-fleshed apple cultivar 'Kurenai no Yume' with a UV-vis-NIR interactance device. <i>Postharvest Biology and Technology</i> , 2017, 124, 128-136.	2.9	5
418	Expression of RsMYB1 in <i>Petunia</i> enhances anthocyanin production in vegetative and floral tissues. <i>Scientia Horticulturae</i> , 2017, 214, 58-65.	1.7	23
419	A Conserved cis-Regulatory Module Determines Germline Fate through Activation of the Transcription Factor DUO1 Promoter. <i>Plant Physiology</i> , 2017, 173, 280-293.	2.3	16
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421	Rapid identification of the purple stem (Ps) gene of Chinese kale (<i>Brassica oleracea</i> var. <i>alboglabra</i>) in a segregation distortion population by bulked segregant analysis and RNA sequencing. <i>Molecular Breeding</i> , 2017, 37, 1.	1.0	77
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423	Transcriptomics Analysis of Apple Leaves in Response to <i>Alternaria alternata</i> Apple Pathotype Infection. <i>Frontiers in Plant Science</i> , 2017, 8, 22.	1.7	72

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424	Factor Analysis of MYB Gene Expression and Flavonoid Affecting Petal Color in Three Crabapple Cultivars. <i>Frontiers in Plant Science</i> , 2017, 8, 137.	1.7	13
425	Transcriptome Analysis Reveals Candidate Genes Related to Color Fading of 'Red Bartlett'™ (Pyrus) Tj ETQq1 1,0,784314,rgBT /Ove	1.7	49
426	SVP-like MADS Box Genes Control Dormancy and Budbreak in Apple. <i>Frontiers in Plant Science</i> , 2017, 08, 477.	1.7	121
427	Metabolomics for Plant Improvement: Status and Prospects. <i>Frontiers in Plant Science</i> , 2017, 8, 1302.	1.7	210
428	Expression Differences of Pigment Structural Genes and Transcription Factors Explain Flesh Coloration in Three Contrasting Kiwifruit Cultivars. <i>Frontiers in Plant Science</i> , 2017, 8, 1507.	1.7	61
429	Multiple Copies of a Simple MYB-Binding Site Confers Trans-regulation by Specific Flavonoid-Related R2R3 MYBs in Diverse Species. <i>Frontiers in Plant Science</i> , 2017, 8, 1864.	1.7	38
430	A Radish Basic Helix-Loop-Helix Transcription Factor, RsTT8 Acts a Positive Regulator for Anthocyanin Biosynthesis. <i>Frontiers in Plant Science</i> , 2017, 8, 1917.	1.7	70
431	Transcriptome-Wide Identification and Characterization of MYB Transcription Factor Genes in the Laticifer Cells of <i>Hevea brasiliensis</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1974.	1.7	26
432	Regulation of Fig (<i>Ficus carica</i> L.) Fruit Color: Metabolomic and Transcriptomic Analyses of the Flavonoid Biosynthetic Pathway. <i>Frontiers in Plant Science</i> , 2017, 8, 1990.	1.7	156
433	TRANSPARENT TESTA GLABRA 1-Dependent Regulation of Flavonoid Biosynthesis. <i>Plants</i> , 2017, 6, 65.	1.6	62
434	Proteomic Analysis Reveals Coordinated Regulation of Anthocyanin Biosynthesis through Signal Transduction and Sugar Metabolism in Black Rice Leaf. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2722.	1.8	9
435	Kiwifruit R2R3-MYB transcription factors and contribution of the novel AcMYB75 to red kiwifruit anthocyanin biosynthesis. <i>Scientific Reports</i> , 2017, 7, 16861.	1.6	50
436	Functional Fruits Through Metabolic Engineering. , 2017, , .		1
437	The effect of 1-methylcyclopropene (1-MCP) on expression of ethylene receptor genes in durian pulp during ripening. <i>Plant Physiology and Biochemistry</i> , 2018, 125, 232-238.	2.8	31
438	The Use of RNA Sequencing and Correlation Network Analysis to Study Potential Regulators of Crabapple Leaf Color Transformation. <i>Plant and Cell Physiology</i> , 2018, 59, 1027-1042.	1.5	28
439	Up-regulation of <i>ChTT</i> in cotton fibres during secondary wall thickening results in brown fibres with improved quality. <i>Plant Biotechnology Journal</i> , 2018, 16, 1735-1747.	4.1	48
440	Genome-wide Identification and Expression Pattern Analysis of Zinc-finger Homeodomain Transcription Factors in Tomato under Abiotic Stress. <i>Journal of the American Society for Horticultural Science</i> , 2018, 143, 14-22.	0.5	11
441	Isolation, purification, and characterization of AgUGG1, a galactosyltransferase involved in anthocyanin galactosylation in purple celery (<i>Apium graveolens</i> L.). <i>Planta</i> , 2018, 247, 1363-1375.	1.6	27

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442	Transcriptome analysis of colouration-related genes in two white-fleshed nectarine varieties and their yellow-fleshed mutants. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 899-907.	0.5	4
443	Comparative transcriptomic analysis of white and red Chinese bayberry (<i>Myrica rubra</i>) fruits reveals flavonoid biosynthesis regulation. <i>Scientia Horticulturae</i> , 2018, 235, 9-20.	1.7	19
444	Overexpression of a repressor MdMYB15L negatively regulates anthocyanin and cold tolerance in red-fleshed callus. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 405-410.	1.0	45
445	Natural Variation Underlies Differences in ETHYLENE RESPONSE FACTOR17 Activity in Fruit Peel Degreening. <i>Plant Physiology</i> , 2018, 176, 2292-2304.	2.3	47
446	The heterologous expression of Arabidopsis PAP2 induces anthocyanin accumulation and inhibits plant growth in tomato. <i>Functional and Integrative Genomics</i> , 2018, 18, 341-353.	1.4	41
447	FaTT12-1, a multidrug and toxin extrusion (MATE) member involved in proanthocyanidin transport in strawberry fruits. <i>Scientia Horticulturae</i> , 2018, 231, 158-165.	1.7	32
448	Solar UV light regulates flavonoid metabolism in apple (<i>Malus domestica</i>). <i>Plant, Cell and Environment</i> , 2018, 41, 675-688.	2.8	146
449	Expression of anthocyanin biosynthesis-related genes reflects the peel color in purple tomato. <i>Horticulture Environment and Biotechnology</i> , 2018, 59, 435-445.	0.7	14
450	24-Epibrassinolide enhances 5-ALA-induced anthocyanin and flavonol accumulation in calli of 'Fuji' apple flesh. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 134, 319-330.	1.2	28
451	A prospective evaluation of plasma polyphenol levels and colon cancer risk. <i>International Journal of Cancer</i> , 2018, 143, 1620-1631.	2.3	33
452	Overexpression of the transcription factor MdbHLH33 increases cold tolerance of transgenic apple callus. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 134, 131-140.	1.2	22
453	The influence of protective netting on tree physiology and fruit quality of apple: A review. <i>Scientia Horticulturae</i> , 2018, 236, 60-72.	1.7	96
454	A review of preharvest anthocyanin development in full red and blush cultivars of European pear. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2018, 46, 81-100.	0.7	13
455	Identification and Characterization of Anthocyanin Biosynthesis-Related Genes in Kohlrabi. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 1120-1141.	1.4	24
456	Characterization and functional analysis of a MYB gene (GbMYBFL) related to flavonoid accumulation in <i>Ginkgo biloba</i> . <i>Genes and Genomics</i> , 2018, 40, 49-61.	0.5	31
457	Next-Generation Plant Metabolic Engineering, Inspired by an Ancient Chinese Irrigation System. <i>Molecular Plant</i> , 2018, 11, 47-57.	3.9	46
458	Molecular analysis of anthocyanin-related genes in ornamental cabbage. <i>Genome</i> , 2018, 61, 111-120.	0.9	24
459	Exploiting natural variation for accelerating discoveries in plant specialized metabolism. <i>Phytochemistry Reviews</i> , 2018, 17, 17-36.	3.1	9

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461	Identification of transcription factor genes involved in anthocyanin biosynthesis in carrot (<i>Daucus</i>) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	1.2	39
462	Raspberry. , 2018, , .		4
463	QTL Mapping and Marker Assisted Breeding in <i>Rubus</i> spp.. , 2018, , 121-144.		6
464	Two MYB transcription factors (CsMYB2 and CsMYB26) are involved in flavonoid biosynthesis in tea plant [<i>Camellia sinensis</i> (L.) O. Kuntze]. <i>BMC Plant Biology</i> , 2018, 18, 288.	1.6	54
465	Efficient Breeding and Cultivation of Type 2 Red-fleshed Apple Cultivars Using a Search System for Suitable Apple Cultivar Combination. <i>Horticultural Plant Journal</i> , 2018, 4, 219-225.	2.3	6
466	Overexpression of the Wild Soybean R2R3-MYB Transcription Factor GsMYB15 Enhances Resistance to Salt Stress and <i>Helicoverpa Armigera</i> in Transgenic <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 3958.	1.8	51
467	Auxin regulates anthocyanin biosynthesis through the Aux/IAA-ARF signaling pathway in apple. <i>Horticulture Research</i> , 2018, 5, 59.	2.9	105
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469	<i>Malus sieversii</i> : the origin, flavonoid synthesis mechanism, and breeding of red-skinned and red-fleshed apples. <i>Horticulture Research</i> , 2018, 5, 70.	2.9	63
470	Novel Traits, Flower Symmetry, and Transcriptional Autoregulation: New Hypotheses From Bioinformatic and Experimental Data. <i>Frontiers in Plant Science</i> , 2018, 9, 1561.	1.7	19
471	Sunlight Differentially Affects the Fruit Skin, Flesh, and Core Coloration of the Type 2 Red-fleshed Apple "Kurenainoyume": Optimization of Fruit Bagging Treatment. <i>Horticulture Journal</i> , 2018, 87, 462-473.	0.3	5
472	Small RNAs, emerging regulators critical for the development of horticultural traits. <i>Horticulture Research</i> , 2018, 5, 63.	2.9	85
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474	Transcriptomic analyses of cacao cell suspensions in light and dark provide target genes for controlled flavonoid production. <i>Scientific Reports</i> , 2018, 8, 13575.	1.6	14
475	MYBA From Blueberry (<i>Vaccinium</i> Section <i>Cyanococcus</i>) Is a Subgroup 6 Type R2R3MYB Transcription Factor That Activates Anthocyanin Production. <i>Frontiers in Plant Science</i> , 2018, 9, 1300.	1.7	55
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478	Two amino acid changes in the R3 repeat cause functional divergence of two clustered MYB10 genes in peach. <i>Plant Molecular Biology</i> , 2018, 98, 169-183.	2.0	28

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479	Roles of R2R3-MYB transcription factors in transcriptional regulation of anthocyanin biosynthesis in horticultural plants. <i>Plant Molecular Biology</i> , 2018, 98, 1-18.	2.0	176
480	The Nitrate-Responsive Protein MdbT2 Regulates Anthocyanin Biosynthesis by Interacting with the MdMYB1 Transcription Factor. <i>Plant Physiology</i> , 2018, 178, 890-906.	2.3	102
481	Understanding the genetic regulation of anthocyanin biosynthesis in plants – Tools for breeding purple varieties of fruits and vegetables. <i>Phytochemistry</i> , 2018, 153, 11-27.	1.4	140
482	Apple bZIP transcription factor MdbZIP44 regulates abscisic acid-promoted anthocyanin accumulation. <i>Plant, Cell and Environment</i> , 2018, 41, 2678-2692.	2.8	189
484	Identification of Putative Precursor Genes for the Biosynthesis of Cannabinoid-Like Compound in <i>Radula marginata</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 537.	1.7	28
485	McMYB10 Modulates the Expression of a Ubiquitin Ligase, McCOP1 During Leaf Coloration in Crabapple. <i>Frontiers in Plant Science</i> , 2018, 9, 704.	1.7	15
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487	Cherry Breeding: Sweet Cherry (<i>Prunus avium</i> L.) and Sour Cherry (<i>Prunus cerasus</i> L.), 2018, , 31-88.		2
488	The proanthocyanidin-specific transcription factor MdMYBPA1 initiates anthocyanin synthesis under low temperature conditions in red-fleshed apples. <i>Plant Journal</i> , 2018, 96, 39-55.	2.8	127
489	Transcriptome Analysis Reveals Molecular Signatures of Luteoloside Accumulation in Senescing Leaves of <i>Lonicera macranthoides</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 1012.	1.8	16
490	Comparative Transcriptome Analysis of Genes Involved in Anthocyanin Biosynthesis in Red and Green Walnut (<i>Juglans regia</i> L.). <i>Molecules</i> , 2018, 23, 25.	1.7	36
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492	Application of a JA-Ile Biosynthesis Inhibitor to Methyl Jasmonate-Treated Strawberry Fruit Induces Upregulation of Specific MBW Complex-Related Genes and Accumulation of Proanthocyanidins. <i>Molecules</i> , 2018, 23, 1433.	1.7	34
493	Fruits of Rosaceae Family as a Source of Anticancer Compounds and Molecular Innovations. , 2018, , 319-336.		0
494	Identification of candidate genes involved in anthocyanin accumulation in the peel of jaboticaba (<i>Myrciaria cauliflora</i>) fruits by transcriptomic analysis. <i>Gene</i> , 2018, 676, 202-213.	1.0	16
495	Systematic Chemical Analysis Approach Reveals Superior Antioxidant Capacity via the Synergistic Effect of Flavonoid Compounds in Red Vegetative Tissues. <i>Frontiers in Chemistry</i> , 2018, 6, 9.	1.8	31
496	Effects of Low Temperature, Shading, Defoliation, and Crop Load on the Flesh Coloration of the Type 2 Red-fleshed Apple – Kurenainoyume™. <i>Horticulture Journal</i> , 2018, 87, 452-461.	0.3	9
497	Expression Profiling of Regulatory and Biosynthetic Genes in Contrastingly Anthocyanin Rich Strawberry (<i>Fragaria Å— ananassa</i>) Cultivars Reveals Key Genetic Determinants of Fruit Color. <i>International Journal of Molecular Sciences</i> , 2018, 19, 656.	1.8	26

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498	Quantitative trait loci (QTL) mapping of blush skin and flowering time in a European pear (<i>Pyrus</i>) Tj ETQq0 0 0 rgBT _{0,6} /Overlock ₆ Tf 50 7		
499	Developmental Transitions to Fruiting in Red Raspberry. <i>Compendium of Plant Genomes</i> , 2018, , 199-212.	0.3	15
500	Combined bulked segregant sequencing and traditional linkage analysis for identification of candidate gene for purple leaf sheath in maize. <i>PLoS ONE</i> , 2018, 13, e0190670.	1.1	8
501	The Novel Rose MYB Transcription Factor RhMYB96 Enhances Salt Tolerance in Transgenic Arabidopsis. <i>Plant Molecular Biology Reporter</i> , 2018, 36, 406-417.	1.0	11
502	Cloning and characterization of MdGST1 from red apple leaves. <i>Canadian Journal of Plant Science</i> , 2018, 98, 1150-1158.	0.3	1
503	EIN3-LIKE1, MYB1, and ETHYLENE RESPONSE FACTOR3 Act in a Regulatory Loop That Synergistically Modulates Ethylene Biosynthesis and Anthocyanin Accumulation. <i>Plant Physiology</i> , 2018, 178, 808-823.	2.3	191
504	BTB protein MdbT2 inhibits anthocyanin and proanthocyanidin biosynthesis by triggering MdMYB9 degradation in apple. <i>Tree Physiology</i> , 2018, 38, 1578-1587.	1.4	34
505	Transcriptome sequencing reveals role of light in promoting anthocyanin accumulation of strawberry fruit. <i>Plant Growth Regulation</i> , 2018, 86, 121-132.	1.8	29
506	A kiwifruit (<i>Actinidia deliciosa</i>) MYB transcription factor modulates chlorophyll and carotenoid accumulation. <i>New Phytologist</i> , 2019, 221, 309-325.	3.5	160
507	Effect of Orchard Management Factors on Flesh Color of Two Red-Fleshed Apple Clones. <i>Horticulturae</i> , 2019, 5, 54.	1.2	5
508	Integrated physiological and genomic analysis reveals structural variations and expression patterns of candidate genes for colored- and green-leaf poplar. <i>Scientific Reports</i> , 2019, 9, 11150.	1.6	8
509	Application of melatonin promotes anthocyanin accumulation in crabapple leaves. <i>Plant Physiology and Biochemistry</i> , 2019, 142, 332-341.	2.8	20
510	MdWRKY11 Participates in Anthocyanin Accumulation in Red-Fleshed Apples by Affecting MYB Transcription Factors and the Photoresponse Factor MdHY5. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 8783-8793.	2.4	76
511	Multifaceted analyses disclose the role of fruit size and skin-russeting in the accumulation pattern of phenolic compounds in apple. <i>PLoS ONE</i> , 2019, 14, e0219354.	1.1	24
512	A non-LTR retrotransposon activates anthocyanin biosynthesis by regulating a MYB transcription factor in <i>Capsicum annuum</i> . <i>Plant Science</i> , 2019, 287, 110181.	1.7	42
513	The infiltration efficiency of <i>Agrobacterium</i> -mediated transient transformation in four apple cultivars. <i>Scientia Horticulturae</i> , 2019, 256, 108597.	1.7	15
514	Systematic identification of long noncoding RNAs expressed during light-induced anthocyanin accumulation in apple fruit. <i>Plant Journal</i> , 2019, 100, 572-590.	2.8	91
515	The Pear Genome. <i>Compendium of Plant Genomes</i> , 2019, , .	0.3	5

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517	Molecular Mapping of Major Genes and QTLs in Pear. Compendium of Plant Genomes, 2019, , 113-131.	0.3	4
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519	Design of DOB-based riveting force controller for dual-machine horizontal drilling and riveting system. Mechatronics, 2019, 63, 102263.	2.0	5
520	Apple NAC transcription factor MdNAC52 regulates biosynthesis of anthocyanin and proanthocyanidin through MdMYB9 and MdMYB11. Plant Science, 2019, 289, 110286.	1.7	113
521	Overexpression of kale (<i>Brassica oleracea</i> L. var. <i>acephala</i>) <i>BoMYB</i> increases anthocyanin content in <i>Arabidopsis thaliana</i> . Biotechnology and Biotechnological Equipment, 2019, 33, 902-910.	0.5	5
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526	Combined QTL-Seq and Traditional Linkage Analysis to Identify Candidate Genes for Purple Skin of Radish Fleshy Taproots. Frontiers in Genetics, 2019, 10, 808.	1.1	18
527	Comparative transcription analysis of photosensitive and non-photosensitive eggplants to identify genes involved in dark regulated anthocyanin synthesis. BMC Genomics, 2019, 20, 678.	1.2	27
528	Two B-box proteins, PpBBX18 and PpBBX21, antagonistically regulate anthocyanin biosynthesis via competitive association with <i>Pyrus pyrifolia</i> ELONGATED HYPOCOTYL 5 in the peel of pear fruit. Plant Journal, 2019, 100, 1208-1223.	2.8	115
529	Purple Is the New Orange: Anthocyanin Regulation Coming Together in Carrot. Plant Physiology, 2019, 181, 12-13.	2.3	2
530	Transcriptome Sequencing and Expression Analysis of Genes Related to Anthocyanin Biosynthesis in Leaves of Malus "Profusion" Infected by Japanese Apple Rust. Forests, 2019, 10, 665.	0.9	8
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532	Ectopic Expression of a R2R3-MYB Transcription Factor Gene LjaMYB12 from Lonicera japonica Increases Flavonoid Accumulation in Arabidopsis thaliana. International Journal of Molecular Sciences, 2019, 20, 4494.	1.8	21
533	Coordinated Regulation of Grape Berry Flesh Color by Transcriptional Activators and Repressors. Journal of Agricultural and Food Chemistry, 2019, 67, 11815-11824.	2.4	29

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535	Identification and functional analysis of three new anthocyanin R2R3â€MYB</sc> genes in <i>Petunia</i>. <i>Plant Direct</i> , 2019, 3, e00114.	0.8	32
536	Identification of new regulators through transcriptome analysis that regulate anthocyanin biosynthesis in apple leaves at low temperatures. <i>PLoS ONE</i> , 2019, 14, e0210672.	1.1	34
537	MdCOL4 Interaction Mediates Crosstalk Between UV-B and High Temperature to Control Fruit Coloration in Apple. <i>Plant and Cell Physiology</i> , 2019, 60, 1055-1066.	1.5	50
538	Advance of the negative regulation of anthocyanin biosynthesis by MYB transcription factors. <i>Plant Physiology and Biochemistry</i> , 2019, 136, 178-187.	2.8	166
539	Changing Carrot Color: Insertions in <i>DcMYB7</i> Alter the Regulation of Anthocyanin Biosynthesis and Modification. <i>Plant Physiology</i> , 2019, 181, 195-207.	2.3	99
540	Md<sc>WRKY</sc>40 promotes woundingâ€induced anthocyanin biosynthesis in association with Md<sc>MYB</sc>1 and undergoes Md<sc>BT</sc>2â€mediated degradation. <i>New Phytologist</i> , 2019, 224, 380-395.	3.5	121
541	Differential color development and response to light deprivation of fig (<i>Ficus carica</i> L.) syconia peel and female flower tissues: transcriptome elucidation. <i>BMC Plant Biology</i> , 2019, 19, 217.	1.6	23
542	PdMYB118, isolated from a red leaf mutant of <i>Populus deltoids</i> , is a new transcription factor regulating anthocyanin biosynthesis in poplar. <i>Plant Cell Reports</i> , 2019, 38, 927-936.	2.8	22
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544	A <i>HORT1</i> Retrotransposon Insertion in the <i>PeMYB11</i> Promoter Causes Harlequin/Black Flowers in <i>Phalaenopsis</i> Orchids. <i>Plant Physiology</i> , 2019, 180, 1535-1548.	2.3	34
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548	Development of DNA markers for breeding yellow cherries. <i>Acta Horticulturae</i> , 2019, , 27-32.	0.1	0
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551	The Bâ€box zinc finger protein MdBBX20 integrates anthocyanin accumulation in response to ultraviolet radiation and low temperature. <i>Plant, Cell and Environment</i> , 2019, 42, 2090-2104.	2.8	131

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553	Apple whole genome sequences: recent advances and new prospects. Horticulture Research, 2019, 6, 59.	2.9	77
554	A high-quality apple genome assembly reveals the association of a retrotransposon and red fruit colour. Nature Communications, 2019, 10, 1494.	5.8	254
555	Characterization of a novel litchi R2R3-MYB transcription factor that involves in anthocyanin biosynthesis and tissue acidification. BMC Plant Biology, 2019, 19, 62.	1.6	31
556	Synthetic Metabolism and Its Significance in Agriculture. , 2019, , 365-391.		3
557	Molecular analysis of anthocyanin biosynthesis-related genes reveal BoTT8 associated with purple hypocotyl of broccoli (Brassica oleracea var. italica L.). Genome, 2019, 62, 253-266.	0.9	13
558	MdGSTF6, activated by MdMYB1, plays an essential role in anthocyanin accumulation in apple. Horticulture Research, 2019, 6, 40.	2.9	105
559	The MYB transcription factor PbMYB12b positively regulates flavonol biosynthesis in pear fruit. BMC Plant Biology, 2019, 19, 85.	1.6	55
560	Identification of QTLs linked to fruit quality traits in apricot (Prunus armeniaca L.) and biological validation through gene expression analysis using qPCR. Molecular Breeding, 2019, 39, 1.	1.0	43
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564	The apricot (Prunus armeniaca L.) genome elucidates Rosaceae evolution and beta-carotenoid synthesis. Horticulture Research, 2019, 6, 128.	2.9	119
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570	Enzyme activity, phenolic and flavonoid compounds in leaves of Iranian red flesh apple cultivars grown on different rootstocks. <i>Scientia Horticulturae</i> , 2019, 246, 862-870.	1.7	14
571	A R2R3-MYB Transcription Factor, VvMYBC2L2, Functions as a Transcriptional Repressor of Anthocyanin Biosynthesis in Grapevine (<i>Vitis vinifera</i> L.). <i>Molecules</i> , 2019, 24, 92.	1.7	33
572	Over-expression of the red plant gene R1 enhances anthocyanin production and resistance to bollworm and spider mite in cotton. <i>Molecular Genetics and Genomics</i> , 2019, 294, 469-478.	1.0	27
573	Three LcABFs are Involved in the Regulation of Chlorophyll Degradation and Anthocyanin Biosynthesis During Fruit Ripening in <i>Litchi chinensis</i> . <i>Plant and Cell Physiology</i> , 2019, 60, 448-461.	1.5	42
574	Independent activation of the BoMYB2 gene leading to purple traits in Brassica oleracea. <i>Theoretical and Applied Genetics</i> , 2019, 132, 895-906.	1.8	60
575	Differential regulation of the anthocyanin profile in purple kiwifruit (<i>Actinidia</i> species). <i>Horticulture Research</i> , 2019, 6, 3.	2.9	94
577	MdMYBL2 helps regulate cytokinin-induced anthocyanin biosynthesis in red-fleshed apple (<i>Malus</i>). <i>Journal of Experimental Botany</i> , 2019, 60, 1028-1038.	1.1	28
578	The mechanism of color fading in sunburned apple peel. <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	1.0	7
579	Transcriptomic analysis of bagging-treated 'Pingguo' pear shows that MYB4-like1, MYB4-like2, MYB1R1 and WDR involved in anthocyanin biosynthesis are up-regulated in fruit peels in response to light. <i>Scientia Horticulturae</i> , 2019, 244, 428-434.	1.7	22
580	Validation of reference genes for qRT-PCR analysis in peel and flesh of six apple cultivars (<i>Malus</i>). <i>Journal of Experimental Botany</i> , 2019, 60, 1028-1038.	1.7	38
581	Whole-genome resequencing-based QTL-seq identified AhTc1 gene encoding a R2R3-MYB transcription factor controlling peanut purple testa colour. <i>Plant Biotechnology Journal</i> , 2020, 18, 96-105.	4.1	53
582	An apple B-Box Protein MdBBX37 Modulates Anthocyanin Biosynthesis and Hypocotyl Elongation Synergistically with MdMYBs and MdHY5. <i>Plant and Cell Physiology</i> , 2020, 61, 130-143.	1.5	70
583	Anthocyanin Fruit1 encodes an R2R3-MYB transcription factor, SlAN2-like, activating the transcription of SlMYBATV to fine-tune anthocyanin content in tomato fruit. <i>New Phytologist</i> , 2020, 225, 2048-2063.	3.5	119
584	Sun injury on apple fruit: Physiological, biochemical and molecular advances, and future challenges. <i>Scientia Horticulturae</i> , 2020, 260, 108866.	1.7	24
585	An apple MYB transcription factor regulates cold tolerance and anthocyanin accumulation and undergoes MIEL1-mediated degradation. <i>Plant Biotechnology Journal</i> , 2020, 18, 337-353.	4.1	198
586	The control of red colour by a family of MYB transcription factors in octoploid strawberry (<i>Fragaria</i>) and ananassa (<i>Ananas</i>) fruits. <i>Plant Biotechnology Journal</i> , 2020, 18, 1169-1184.	4.1	78
587	The ERF transcription factor MdERF38 promotes drought stress-induced anthocyanin biosynthesis in apple. <i>Plant Journal</i> , 2020, 101, 573-589.	2.8	181
588	<i>Malus niedzwetzkyana</i> (Dieck) Langenf transcriptome comparison and phylogenetic analysis with <i>Malus sieversii</i> (Ledeb) Roem. <i>Genetic Resources and Crop Evolution</i> , 2020, 67, 313-323.	0.8	3

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590	Carbon starvation reduces carbohydrate and anthocyanin accumulation in red-fleshed fruit via trehalose 6-phosphate and MYB27. <i>Plant, Cell and Environment</i> , 2020, 43, 819-835.	2.8	33
591	Integrated metabolic profiling and transcriptome analysis of pigment accumulation in diverse petal tissues in the lily cultivar "Vivian". <i>BMC Plant Biology</i> , 2020, 20, 446.	1.6	13
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594	Metabolomics and gene expression analysis reveal the accumulation patterns of phenylpropanoids and flavonoids in different colored-grain wheats (<i>Triticum aestivum</i> L.). <i>Food Research International</i> , 2020, 138, 109711.	2.9	50
595	The high-quality genome of diploid strawberry (<i>Fragaria nilgerrensis</i>) provides new insights into anthocyanin accumulation. <i>Plant Biotechnology Journal</i> , 2020, 18, 1908-1924.	4.1	51
596	Fruit Breeding in Regard to Color and Seed Hardness: A Genomic View from Pomegranate. <i>Agronomy</i> , 2020, 10, 991.	1.3	9
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598	mdm-miR828 Participates in the Feedback Loop to Regulate Anthocyanin Accumulation in Apple Peel. <i>Frontiers in Plant Science</i> , 2020, 11, 608109.	1.7	22
599	Functional identification of PsMYB57 involved in anthocyanin regulation of tree peony. <i>BMC Genetics</i> , 2020, 21, 124.	2.7	15
600	Interaction between MdMYB63 and MdERF106 enhances salt tolerance in apple by mediating Na ⁺ /H ⁺ transport. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 464-471.	2.8	14
601	Effects of 1-methylcyclopropene treatment on quality and anthocyanin biosynthesis in plum (<i>Prunus</i>). <i>Technology</i> , 2020, 169, 111291.	2.9	27
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603	Biosynthesis of the Dihydrochalcone Sweetener Trilobatin Requires <i>Phloretin Glycosyltransferase2</i> . <i>Plant Physiology</i> , 2020, 184, 738-752.	2.3	15
604	Isolation and molecular characterization of NtMYB4a, a putative transcription activation factor involved in anthocyanin synthesis in tobacco. <i>Gene</i> , 2020, 760, 144990.	1.0	14
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641	Methylation of <i>MdMYB1</i> locus mediated by RdDM pathway regulates anthocyanin biosynthesis in apple. <i>Plant Biotechnology Journal</i> , 2020, 18, 1736-1748.	4.1	42
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653	MYB transcription factor PdMYB118 directly interacts with bHLH transcription factor PdTT8 to regulate wound-induced anthocyanin biosynthesis in poplar. <i>BMC Plant Biology</i> , 2020, 20, 173.	1.6	25
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680	Visible light regulates anthocyanin synthesis via malate dehydrogenases and the ethylene signaling pathway in plum (<i>Prunus salicina</i> L.). <i>Physiologia Plantarum</i> , 2021, 172, 1739-1749.	2.6	5

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692	Research progress of fruit color development in apple (<i>Malus domestica</i> Borkh.). <i>Plant Physiology and Biochemistry</i> , 2021, 162, 267-279.	2.8	50
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700	NtbHLH1, a JAF13-like bHLH, interacts with NtMYB6 to enhance proanthocyanidin accumulation in Chinese Narcissus. <i>BMC Plant Biology</i> , 2021, 21, 275.	1.6	9
701	Genome-wide identification of WD40 superfamily genes and prediction of WD40 gene of flavonoid-related genes in <i>Ginkgo biloba</i> . <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12086.	0.5	7
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928	Identification and Analysis of Long Non-Coding RNAs Related to UV-B-Induced Anthocyanin Biosynthesis During Blood-Fleshed Peach (<i>Prunus persica</i>) Ripening. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	0
929	A TCP Transcription Factor in <i>Malus halliana</i> , MhTCP4, Positively Regulates Anthocyanin Biosynthesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9051.	1.8	2
930	Tissue-specific expression of Ruby in Mexican lime (<i>C. aurantifolia</i>) confers anthocyanin accumulation in fruit. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2
931	Systematic Analysis and Functional Characterization of R2R3-MYB Genes in <i>Scutellaria baicalensis</i> Georgi. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9342.	1.8	6
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933	Construction of Genetic Linkage Map and Mapping QTL Specific to Leaf Anthocyanin Colouration in Mapping Population "Allahabad Safeda" "A" "Purple Guava (Local)" of Guava (<i>Psidium guajava</i> L.). <i>Plants</i> , 2022, 11, 2014.	1.6	4
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937	Integrated metabolomics and transcriptomic analysis of the flavonoid regulatory networks in <i>Sorghum bicolor</i> seeds. <i>BMC Genomics</i> , 2022, 23, .	1.2	5
938	Metabolic and Developmental Changes in Germination Process of Mung Bean (<i>Vigna radiata</i> (L.) R. Tj ETQq1 1 0.784314 rgBT /Overlook 2.2 3 2022, 2022, 1-13.	1.4	3
939	Multi-omics analyses reveal <i>MdMYB10</i> hypermethylation being responsible for a bud sport of apple fruit color. <i>Horticulture Research</i> , 2022, 9, .	2.9	4
940	Transcriptome analysis of branches reveals candidate genes involved in anthocyanin biosynthesis of "Red Bartlett" pear (<i>Pyrus communis</i> L.). <i>Scientia Horticulturae</i> , 2022, 305, 111392.	1.7	4
941	PeMYB4L interacts with PeMYC4 to regulate anthocyanin biosynthesis in <i>Phalaenopsis</i> orchid. <i>Plant Science</i> , 2022, 324, 111423.	1.7	4
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956	Anthocyanin Biosynthesis Induced by MYB Transcription Factors in Plants. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11701.	1.8	32
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970	Interaction of AcMADS68 with transcription factors regulates anthocyanin biosynthesis in red-fleshed kiwifruit. <i>Horticulture Research</i> , 2023, 10, .	2.9	2
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