

Suppression of the biosynthesis of proanthocyanidin in repressor

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular Biology and Biotechnology of Flavonoid Biosynthesis. , 2005, , 143-218.		10
2	Functional genomics by integrated analysis of metabolome and transcriptome of Arabidopsis plants over-expressing an MYB transcription factor. Plant Journal, 2005, 42, 218-235.	2.8	891
3	Metabolic engineering of proanthocyanidins by ectopic expression of transcription factors in Arabidopsis thaliana. Plant Journal, 2005, 44, 62-75.	2.8	114
4	Engineering of plant natural product pathways. Current Opinion in Plant Biology, 2005, 8, 329-336.	3.5	123
5	Enhanced radical scavenging activity of genetically modified Arabidopsis seeds. Biotechnology Letters, 2005, 27, 297-303.	1.1	41
6	The NAC Transcription Factors NST1 and NST2 of Arabidopsis Regulate Secondary Wall Thickenings and Are Required for Anther Dehiscence. Plant Cell, 2005, 17, 2993-3006.	3.1	632
7	A Chimeric AtMYB23 Repressor Induces Hairy Roots, Elongation of Leaves and Stems, and Inhibition of the Deposition of Mucilage on Seed Coats in Arabidopsis. Plant and Cell Physiology, 2005, 46, 147-155.	1.5	50
8	Sucrose-Specific Induction of the Anthocyanin Biosynthetic Pathway in Arabidopsis. Plant Physiology, 2006, 140, 637-646.	2.3	738
9	GENETICS AND BIOCHEMISTRY OF SEED FLAVONOIDS. Annual Review of Plant Biology, 2006, 57, 405-430.	8.6	1,056
10	Antibody-based metabolic engineering in plants. Journal of Biotechnology, 2006, 124, 271-283.	1.9	9
11	Efficient production of male and female sterile plants by expression of a chimeric repressor in Arabidopsis and rice. Plant Biotechnology Journal, 2006, 4, 325-332.	4.1	139
12	TT8 controls its own expression in a feedback regulation involving TTG1 and homologous MYB and bHLH factors, allowing a strong and cell-specific accumulation of flavonoids in Arabidopsis thaliana. Plant Journal, 2006, 46, 768-779.	2.8	288
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14	The zinc finger network of plants. Cellular and Molecular Life Sciences, 2008, 65, 1150-1160.	2.4	373
15	Transcription factors for predictive plant metabolic engineering: are we there yet?. Current Opinion in Biotechnology, 2008, 19, 138-144.	3.3	146
16	Arabidopsis thaliana MYB75/PAP1 transcription factor induces anthocyanin production in transgenic tomato plants. Functional Plant Biology, 2008, 35, 606.	1.1	141
17	MYBL2 is a new regulator of flavonoid biosynthesis in Arabidopsis thaliana. Plant Journal, 2008, 55, 940-953.	2.8	474
18	AtMYBL2, a protein with a single MYB domain, acts as a negative regulator of anthocyanin biosynthesis in Arabidopsis. Plant Journal, 2008, 55, 954-967.	2.8	500

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19	Gene Discovery and Metabolic Engineering in the Phenylpropanoid Pathway. , 0, , 113-138.		0
20	Purification, molecular cloning, and characterization of glutathione S-transferases (GSTs) from pigmented <i>Vitis vinifera</i> L. cell suspension cultures as putative anthocyanin transport proteins. <i>Journal of Experimental Botany</i> , 2008, 59, 3621-3634.	2.4	193
21	Chimeric AGAMOUS repressor induces serrated petal phenotype in <i>Torenia fournieri</i> similar to that induced by cytokinin application. <i>Plant Biotechnology</i> , 2008, 25, 45-53.	0.5	30
22	FioreDB: a database of phenotypic information induced by the chimeric repressor silencing technology (CRES-T) in <i>Arabidopsis</i> and floricultural plants. <i>Plant Biotechnology</i> , 2008, 25, 37-43.	0.5	24
23	Manipulation of plant metabolic pathways by transcription factors. <i>Plant Biotechnology</i> , 2009, 26, 29-38.	0.5	34
24	Bioengineering. , 2009, , 435-473.		3
25	TOMATO AGAMOUS-LIKE1 is a component of the fruit ripening regulatory network. <i>Plant Journal</i> , 2009, 60, 1081-1095.	2.8	298
26	Elongator mediates ABA responses, oxidative stress resistance and anthocyanin biosynthesis in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2009, 60, 79-90.	2.8	105
27	TTG1 complex MYBs, MYB5 and TT2, control outer seed coat differentiation. <i>Developmental Biology</i> , 2009, 325, 412-421.	0.9	232
28	Functional divergence within class B MADS-box genes <i>TfGLO</i> and <i>TfDEF</i> in <i>Torenia fournieri</i> Lind. <i>Molecular Genetics and Genomics</i> , 2010, 284, 399-414.	1.0	40
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31	Molecular Biology and Biotechnology of Flower Pigments. , 2010, , 161-187.		8
32	Genetic Engineering of Novel Flower Colors in Floricultural Plants: Recent Advances via Transgenic Approaches. <i>Methods in Molecular Biology</i> , 2010, 589, 325-347.	0.4	35
33	Production of picotee-type flowers in Japanese gentian by CRES-T. <i>Plant Biotechnology</i> , 2011, 28, 173-180.	0.5	26
34	<i>Arabidopsis</i> chimeric TCP3 repressor produces novel floral traits in <i>Torenia fournieri</i> and <i>Chrysanthemum morifolium</i> . <i>Plant Biotechnology</i> , 2011, 28, 131-140.	0.5	44
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37	Generation of chimeric repressors that confer salt tolerance in <i>Arabidopsis</i> and rice. <i>Plant Biotechnology Journal</i> , 2011, 9, 736-746.	4.1	67
38	The myb transcription factor MdMYB6 suppresses anthocyanin biosynthesis in transgenic <i>Arabidopsis</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 106, 235-242.	1.2	46
39	The ethylene signaling pathway has a negative impact on sucrose-induced anthocyanin accumulation in <i>Arabidopsis</i> . <i>Journal of Plant Research</i> , 2011, 124, 193-200.	1.2	40
40	The strawberry transcription factor FaMYB1 inhibits the biosynthesis of proanthocyanidins in <i>Lotus corniculatus</i> leaves. <i>Journal of Experimental Botany</i> , 2011, 62, 1189-1200.	2.4	82
41	Flavonoid production in transgenic hop (<i>Humulus lupulus</i> L.) altered by PAP1/MYB75 from <i>Arabidopsis thaliana</i> L.. <i>Plant Cell Reports</i> , 2012, 31, 111-119.	2.8	48
42	The interacting MYB75 and KNAT7 transcription factors modulate secondary cell wall deposition both in stems and seed coat in <i>Arabidopsis</i> . <i>Planta</i> , 2013, 237, 1199-1211.	1.6	78
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48	Metabolic engineering to enhance the value of plants as green factories. <i>Metabolic Engineering</i> , 2015, 27, 83-91.	3.6	65
50	Evaluation of N Fertilizers Effects on Grape Based on the Expression of N Metabolic Genes. <i>Horticultural Plant Journal</i> , 2016, 2, 261-271.	2.3	4
51	Phloem-Specific Methionine Recycling Fuels Polyamine Biosynthesis in a Sulfur-Dependent Manner and Promotes Flower and Seed Development. <i>Plant Physiology</i> , 2016, 170, 790-806.	2.3	22
52	The inhibition of protein translation mediated by AtGCN1 is essential for cold tolerance in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2017, 40, 56-68.	2.8	107
53	Two MYB proteins are broad repressors of flavonoid and phenylpropanoid metabolism in poplar. <i>Plant Journal</i> , 2018, 96, 949-965.	2.8	137
54	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
55	Nuclear Prohibitin3 Maintains Genome Integrity and Cell Proliferation in the Root Meristem through Minichromosome Maintenance 2. <i>Plant Physiology</i> , 2019, 179, 1669-1691.	2.3	19

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56	Molecular cloning and functional characterization of AcGST1, an anthocyanin-related glutathione S-transferase gene in kiwifruit (<i>Actinidia chinensis</i>). <i>Plant Molecular Biology</i> , 2019, 100, 451-465.	2.0	46
57	R2R3-MYB transcription factor MYB6 promotes anthocyanin and proanthocyanidin biosynthesis but inhibits secondary cell wall formation in <i>Populus tomentosa</i> . <i>Plant Journal</i> , 2019, 99, 733-751.	2.8	134
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59	Overlapping functions and protein-protein interactions of LRR-extensins in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2020, 16, e1008847.	1.5	41
60	Differential functional traits underlying the contrasting salt tolerance in <i>Lepidium</i> species. <i>Plant and Soil</i> , 2020, 448, 315-334.	1.8	15
61	Transcriptome profiling reveals cytokinin promoted callus regeneration in <i>Brassica juncea</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 191-206.	1.2	13
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72	CH 3 Molecular Biology and Biotechnology of Flavonoid Biosynthesis. , 2005, , 157-232.		8
73	Metabolic Engineering of Bioactive Phenylpropanoids in Crops. , 2010, , 181-196.		1
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76	Biological Function and Stress Response Mechanism of MYB Transcription Factor Family Genes. <i>Journal of Plant Growth Regulation</i> , 2023, 42, 83-95.	2.8	18

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77	BLISTER promotes seed maturation and fatty acid biosynthesis by interacting with WRINKLED1 to regulate chromatin dynamics in Arabidopsis. <i>Plant Cell</i> , 2022, 34, 2242-2265.	3.1	11
84	Reducing the biosynthesis of condensed tannin in winged bean (<i>Psophocarpus tetragonolobus</i> (L.) Tj ETQq1 1 0.784314 rgBT /Overl	1.1	1