

Kui Lin-Wang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

4,566
citations

159525

30
h-index

302012

39
g-index

40
all docs

40
docs citations

40
times ranked

3456
citing authors

#	ARTICLE	IF	CITATIONS
1	An R2R3 MYB transcription factor associated with regulation of the anthocyanin biosynthetic pathway in Rosaceae. <i>BMC Plant Biology</i> , 2010, 10, 50.	1.6	576
2	Molecular genetics of blood-fleshed peach reveals activation of anthocyanin biosynthesis by <i>NAC</i> transcription factors. <i>Plant Journal</i> , 2015, 82, 105-121.	2.8	404
3	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
4	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
5	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
6	Apple skin patterning is associated with differential expression of MYB10. <i>BMC Plant Biology</i> , 2011, 11, 93.	1.6	227
7	Environmental regulation of leaf colour in red <i>35S:PAP1 Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2009, 182, 102-115.	3.5	215
8	Enhancing ascorbate in fruits and tubers through overexpression of the <i>lgalactose</i> pathway gene <i>GDP-l-galactose phosphorylase</i> . <i>Plant Biotechnology Journal</i> , 2012, 10, 390-397.	4.1	199
9	Activator-type R2R3 MYB genes induce a repressor-type R2R3 MYB gene to balance anthocyanin and proanthocyanidin accumulation. <i>New Phytologist</i> , 2019, 221, 1919-1934.	3.5	190
10	Functional diversification of the potato R2R3 MYB anthocyanin activators AN1, MYBA1, and MYB113 and their interaction with basic helix-loop-helix cofactors. <i>Journal of Experimental Botany</i> , 2016, 67, 2159-2176.	2.4	163
11	Identification of Mendel's White Flower Character. <i>PLoS ONE</i> , 2010, 5, e13230.	1.1	135
12	Engineering the anthocyanin regulatory complex of strawberry (<i>Fragaria vesca</i>). <i>Frontiers in Plant Science</i> , 2014, 5, 651.	1.7	124
13	A MYB transcription factor regulates anthocyanin biosynthesis in mangosteen (<i>Garcinia mangostana</i>) Tj ETQq1 1 0.784314 rgBT /Ove 1.6 120	1.6	120
14	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
15	StMYB44 negatively regulates anthocyanin biosynthesis at high temperatures in tuber flesh of potato. <i>Journal of Experimental Botany</i> , 2019, 70, 3809-3824.	2.4	95
16	Differential regulation of the anthocyanin profile in purple kiwifruit (<i>Actinidia</i> species). <i>Horticulture Research</i> , 2019, 6, 3.	2.9	94
17	<i>PpGST1</i> , an anthocyanin-related glutathione S-transferase gene, is essential for fruit coloration in peach. <i>Plant Biotechnology Journal</i> , 2020, 18, 1284-1295.	4.1	93
18	Transcriptome analysis and transient transformation suggest an ancient duplicated MYB transcription factor as a candidate gene for leaf red coloration in peach. <i>BMC Plant Biology</i> , 2014, 14, 388.	1.6	89

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19	Comparative Transcriptome Analysis of White and Purple Potato to Identify Genes Involved in Anthocyanin Biosynthesis. <i>PLoS ONE</i> , 2015, 10, e0129148.	1.1	75
20	Identification of a cis-regulatory element by transient analysis of co-ordinately regulated genes. <i>Plant Methods</i> , 2008, 4, 17.	1.9	73
21	QTL analysis and candidate gene mapping for skin and flesh color in sweet cherry fruit (<i>Prunus avium</i>) Tj ETQq1 1 0.784314 rgBT /Over	0.6	73
22	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
23	The involvement of PybZIPa in light-induced anthocyanin accumulation via the activation of PyUFGT through binding to tandem G-boxes in its promoter. <i>Horticulture Research</i> , 2019, 6, 134.	2.9	61
24	The role of MrbHLH1 and MrMYB1 in regulating anthocyanin biosynthetic genes in tobacco and Chinese bayberry (<i>Myrica rubra</i>) during anthocyanin biosynthesis. <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 115, 285-298.	1.2	60
25	Differential Sensitivity of Fruit Pigmentation to Ultraviolet Light between Two Peach Cultivars. <i>Frontiers in Plant Science</i> , 2017, 8, 1552.	1.7	57
26	DNA demethylation is involved in the regulation of temperature-dependent anthocyanin accumulation in peach. <i>Plant Journal</i> , 2020, 102, 965-976.	2.8	56
27	Genome-wide analysis and expression profiles of the StR2R3-MYB transcription factor superfamily in potato (<i>Solanum tuberosum</i> L.). <i>International Journal of Biological Macromolecules</i> , 2020, 148, 817-832.	3.6	51
28	Peach MYB7 activates transcription of the proanthocyanidin pathway gene encoding leucoanthocyanidin reductase, but not anthocyanidin reductase. <i>Frontiers in Plant Science</i> , 2015, 6, 908.	1.7	45
29	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
30	The red flesh of kiwifruit is differentially controlled by specific activation-repression systems. <i>New Phytologist</i> , 2022, 235, 630-645.	3.5	37
31	Effects of red-leaved transgenic tobacco expressing a MYB transcription factor on two herbivorous insects, <i>Spodoptera litura</i> and <i>Helicoverpa armigera</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2009, 133, 117-127.	0.7	36
32	PbGA2ox8 induces vascular-related anthocyanin accumulation and contributes to red stripe formation on pear fruit. <i>Horticulture Research</i> , 2019, 6, 137.	2.9	30
33	Postharvest temperature and light treatments induce anthocyanin accumulation in peel of 'Akihime'™ plum (<i>Prunus salicina</i> Lindl.) via transcription factor PsMYB10.1. <i>Postharvest Biology and Technology</i> , 2021, 179, 111592.	2.9	24
34	The Photomorphogenic Transcription Factor PpHY5 Regulates Anthocyanin Accumulation in Response to UVA and UVB Irradiation. <i>Frontiers in Plant Science</i> , 2020, 11, 603178.	1.7	20
35	The PyPIF5-PymiR156a-PySPL9-PyMYB114/MYB10 module regulates light-induced anthocyanin biosynthesis in red pear. <i>Molecular Horticulture</i> , 2021, 1, .	2.3	16
36	Genomic survey and gene expression analysis of the MYB-related transcription factor superfamily in potato (<i>Solanum tuberosum</i> L.). <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2450-2464.	3.6	15

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37	Activation of PsMYB10.2 Transcription Causes Anthocyanin Accumulation in Flesh of the Red-Fleshed Mutant of "Sanyueli"™ (Prunus salicina Lindl.). <i>Frontiers in Plant Science</i> , 2021, 12, 680469.	1.7	13
38	Pear genetics: Recent advances, new prospects, and a roadmap for the future. <i>Horticulture Research</i> , 2022, 9, .	2.9	12
39	Identification of a Strong Anthocyanin Activator, VbMYBA, From Berries of <i>Vaccinium bracteatum</i> Thunb.. <i>Frontiers in Plant Science</i> , 2021, 12, 697212.	1.7	7
40	Elevating fruit carotenoid content in apple (<i>Malus x domestica</i> Borkh). <i>Methods in Enzymology</i> , 2022, , 63-98.	0.4	0