

Kathy E Schwinn

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

4,240
citations

172457

29
h-index

223800

46
g-index

52
all docs

52
docs citations

52
times ranked

3771
citing authors

#	ARTICLE	IF	CITATIONS
1	A Conserved Network of Transcriptional Activators and Repressors Regulates Anthocyanin Pigmentation in Eudicots. <i>Plant Cell</i> , 2014, 26, 962-980.	6.6	610
2	A Small Family of MYB-Regulatory Genes Controls Floral Pigmentation Intensity and Patterning in the Genus <i>Antirrhinum</i> . <i>Plant Cell</i> , 2006, 18, 831-851.	6.6	513
3	Members of an R2R3-MYB transcription factor family in <i>Petunia</i> are developmentally and environmentally regulated to control complex floral and vegetative pigmentation patterning. <i>Plant Journal</i> , 2011, 65, 771-784.	5.7	401
4	From landing lights to mimicry: the molecular regulation of flower colouration and mechanisms for pigmentation patterning. <i>Functional Plant Biology</i> , 2012, 39, 619.	2.1	263
5	Title is missing!. <i>Euphytica</i> , 2003, 131, 259-268.	1.2	190
6	The molecular basis for venation patterning of pigmentation and its effect on pollinator attraction in flowers of <i>Antirrhinum</i> . <i>New Phytologist</i> , 2011, 189, 602-615.	7.3	167
7	A manually annotated <i>Actinidia chinensis</i> var. <i>chinensis</i> (kiwifruit) genome highlights the challenges associated with draft genomes and gene prediction in plants. <i>BMC Genomics</i> , 2018, 19, 257.	2.8	167
8	Identification of Mendel's White Flower Character. <i>PLoS ONE</i> , 2010, 5, e13230.	2.5	135
9	The Evolution of Flavonoid Biosynthesis: A Bryophyte Perspective. <i>Frontiers in Plant Science</i> , 2020, 11, 7.	3.6	126
10	Transcriptional regulation of secondary metabolism. <i>Functional Plant Biology</i> , 2003, 30, 913.	2.1	115
11	Genetic analysis of the liverwort <i>Marchantia polymorpha</i> reveals that R2R3-MYB activation of flavonoid production in response to abiotic stress is an ancient character in land plants. <i>New Phytologist</i> , 2018, 218, 554-566.	7.3	98
12	UVR8-mediated induction of flavonoid biosynthesis for UVB tolerance is conserved between the liverwort <i>Marchantia polymorpha</i> and flowering plants. <i>Plant Journal</i> , 2018, 96, 503-517.	5.7	93
13	The Onion (<i>Allium cepa</i> L.) R2R3-MYB Gene MYB1 Regulates Anthocyanin Biosynthesis. <i>Frontiers in Plant Science</i> , 2016, 7, 1865.	3.6	91
14	Methods for transient assay of gene function in floral tissues. <i>Plant Methods</i> , 2007, 3, 1.	4.3	86
15	Betalain production is possible in anthocyanin-producing plant species given the presence of DOPA-dioxygenase and L-DOPA. <i>BMC Plant Biology</i> , 2012, 12, 34.	3.6	84
16	Isolation and antisense suppression of flavonoid 3', 5'-hydroxylase modifies flower pigments and colour in cyclamen. <i>BMC Plant Biology</i> , 2010, 10, 107.	3.6	71
17	Auronidins are a previously unreported class of flavonoid pigments that challenges when anthocyanin biosynthesis evolved in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20232-20239.	7.1	63
18	Gene regulation networks generate diverse pigmentation patterns in plants. <i>Plant Signaling and Behavior</i> , 2014, 9, e29526.	2.4	58

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19	Flavonoid biosynthesis in flower petals of five lines of lisianthus (<i>Eustoma grandiflorum</i> Grise.). <i>Plant Science</i> , 1993, 95, 67-77.	3.6	57
20	Title is missing!. <i>Molecular Breeding</i> , 1998, 4, 59-66.	2.1	57
21	Floral flavonoids and the potential for pelargonidin biosynthesis in commercial chrysanthemum cultivars. <i>Phytochemistry</i> , 1993, 35, 145-150.	2.9	56
22	MYB and bHLH transcription factor transgenes increase anthocyanin pigmentation in petunia and lisianthus plants, and the petunia phenotypes are strongly enhanced under field conditions. <i>Frontiers in Plant Science</i> , 2014, 5, 603.	3.6	56
23	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.	3.6	55
24	Temporal and spatial expression of flavonoid biosynthetic genes in flowers of <i>Anthurium andraeanum</i> . <i>Physiologia Plantarum</i> , 2004, 122, 297-304.	5.2	49
25	Expression of an <i>Antirrhinum majus</i> UDP-glucose:flavonoid-3-O-glucosyltransferase transgene alters flavonoid glycosylation and acylation in lisianthus (<i>Eustoma grandiflorum</i> Grise.). <i>Plant Science</i> , 1997, 125, 53-61.	3.6	45
26	Betalain induction by DOPA application confers photoprotection to saline-exposed leaves of <i>Diosphyra australe</i> . <i>New Phytologist</i> , 2015, 207, 1075-1083.	7.3	41
27	Temporal and spatial regulation of anthocyanin biosynthesis provide diverse flower colour intensities and patterning in <i>Cymbidium</i> orchid. <i>Planta</i> , 2014, 240, 983-1002.	3.2	39
28	The red flesh of kiwifruit is differentially controlled by specific activation/repression systems. <i>New Phytologist</i> , 2022, 235, 630-645.	7.3	37
29	Activation of anthocyanin synthesis in <i>Cymbidium</i> orchids: variability between known regulators. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 100, 355-360.	2.3	36
30	Characterisation of betalain biosynthesis in <i>Parakeelya</i> flowers identifies the key biosynthetic gene DOD as belonging to an expanded LigB gene family that is conserved in betalain-producing species. <i>Frontiers in Plant Science</i> , 2015, 6, 499.	3.6	33
31	A whole genome assembly of <i>Leptospermum scoparium</i> (Myrtaceae) for Mānuka research. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2019, 47, 233-260.	1.3	31
32	Discrete bHLH transcription factors play functionally overlapping roles in pigmentation patterning in flowers of <i>Antirrhinum majus</i> . <i>New Phytologist</i> , 2021, 231, 849-863.	7.3	28
33	Characterisation of aurone biosynthesis in <i>Antirrhinum majus</i> . <i>Physiologia Plantarum</i> , 2006, 128, 593-603.	5.2	24
34	The dope on DOPA formation for betalain pigments. <i>New Phytologist</i> , 2016, 210, 6-9.	7.3	24
35	The B-ring hydroxylation pattern of anthocyanins can be determined through activity of the flavonoid 3-hydroxylase on leucoanthocyanidins. <i>Planta</i> , 2014, 240, 1003-1010.	3.2	23
36	Flavonoid and carotenoid pigments in flower tissue of <i>Sandersonia aurantiaca</i> (Hook.). <i>Scientia Horticulturae</i> , 1998, 72, 179-192.	3.6	15

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37	Chapter Eight Mechanisms and applications of transcriptional control of phenylpropanoid metabolism. <i>Recent Advances in Phytochemistry</i> , 2001, , 155-169.	0.5	15
38	High concentrations of aromatic acylated anthocyanins found in cauline hairs in <i>Plectranthus ciliatus</i> . <i>Phytochemistry</i> , 2016, 128, 27-34.	2.9	14
39	Failure to launch: the self-regulating Md-MYB10 R6 gene from apple is active in flowers but not leaves of <i>Petunia</i> . <i>Plant Cell Reports</i> , 2015, 34, 1817-1823.	5.6	11
40	Stress, senescence and specialised metabolites in bryophytes. <i>Journal of Experimental Botany</i> , 2022, , .	4.8	11
41	<i>Molecular Biology and Biotechnology of Flavonoid Biosynthesis</i> . , 2005, , 143-218.		10
42	Production of Betacyanins in Transgenic <i>Nicotiana tabacum</i> Increases Tolerance to Salinity. <i>Frontiers in Plant Science</i> , 2021, 12, 653147.	3.6	9
43	A high density linkage map and quantitative trait loci for tree growth for New Zealand mānuka (<i>Leptospermum scoparium</i>). <i>New Zealand Journal of Crop and Horticultural Science</i> , 2019, 47, 261-272.	1.3	7
44	The colour variations of flowers in wild <i>Paeonia delavayi</i> plants are determined by four classes of plant pigments. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2022, 50, 69-84.	1.3	7
45	Simple sequence repeat (SSR) markers for New Zealand mānuka (<i>Leptospermum scoparium</i>) and transferability to kākānuka (<i>Kunzea</i> spp.). <i>New Zealand Journal of Crop and Horticultural Science</i> , 2017, 45, 216-222.	1.3	6
46	Biolistics-Based Gene Silencing in Plants Using a Modified Particle Inflow Gun. <i>Methods in Molecular Biology</i> , 2013, 940, 63-74.	0.9	4
47	Control of anthocyanin pigmentation during flower development in <i>Cymbidium</i> orchid. <i>Acta Horticulturae</i> , 2015, , 333-340.	0.2	4
48	Recent Advances in the Molecular Biology and Metabolic Engineering of Flavonoid Biosynthesis in Ornamental Plants. , 0, , 139-166.		2