Kathy E Schwinn

List of Publications by Year
in descending order

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	The colour variations of flowers in wild <i>Paeonia delavayi</i> plants are determined by four classes of plant pigments. New Zealand Journal of Crop and Horticultural Science, 2022, 50, 69-84.	1.3	7
2	The red flesh of kiwifruit is differentially controlled by specific activationâ€“repression systems. New Phytologist, 2022, 235, 630-645.	7.3	37
3	Stress, senescence and specialised metabolites in bryophytes. Journal of Experimental Botany, 2022, , .	4.8	11
4	Discrete bHLH transcription factors play functionally overlapping roles in pigmentation patterning in flowers of <i>Antirrhinum majus</i>. New Phytologist, 2021, 231, 849-863.	7.3	28
5	Production of Betacyanins in Transgenic Nicotiana tabacum Increases Tolerance to Salinity. Frontiers in Plant Science, 2021, 12, 653147.	3.6	9
6	The Evolution of Flavonoid Biosynthesis: A Bryophyte Perspective. Frontiers in Plant Science, 2020, 11, 7.	3.6	126
7	Auronidins are a previously unreported class of flavonoid pigments that challenges when anthocyanin biosynthesis evolved in plants. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20232-20239.	7.1	63
8	A whole genome assembly of <i>Leptospermum scoparium</i> (Myrtaceae) for mÄnuka research. New Zealand Journal of Crop and Horticultural Science, 2019, 47, 233-260.	1.3	31
9	A high density linkage map and quantitative trait loci for tree growth for New Zealand mÄnuka (Leptospermum scoparium). New Zealand Journal of Crop and Horticultural Science, 2019, 47, 261-272.	1.3	7
10	Genetic analysis of the liverwort <i>Marchantia polymorpha</i> reveals that R2R3<scp>MYB</scp> activation of flavonoid production in response to abiotic stress is an ancient character in land plants. New Phytologist, 2018, 218, 554-566.	7.3	98
11	A manually annotated Actinidia chinensis var. chinensis (kiwifruit) genome highlights the challenges associated with draft genomes and gene prediction in plants. BMC Genomics, 2018, 19, 257.	2.8	167
12	MYBA From Blueberry (Vaccinium Section Cyanococcus) Is a Subgroup 6 Type R2R3MYB Transcription Factor That Activates Anthocyanin Production. Frontiers in Plant Science, 2018, 9, 1300.	3.6	55
13	UVR8â€mediated induction of flavonoid biosynthesis for UVB tolerance is conserved between the liverwort <i>Marchantia polymorpha</i> and flowering plants. Plant Journal, 2018, 96, 503-517.	5.7	93
14	Simple sequence repeat (SSR) markers for New Zealand mÄnuka (<i>Leptospermum scoparium</i>) and transferability to kÄnuka (<i>Kunzea</i> spp.). New Zealand Journal of Crop and Horticultural Science, 2017, 45, 216-222.	1.3	6
15	The Onion (Allium cepa L.) R2R3-MYB Gene MYB1 Regulates Anthocyanin Biosynthesis. Frontiers in Plant Science, 2016, 7, 1865.	3.6	91
16	High concentrations of aromatic acylated anthocyanins found in cauline hairs in Plectranthus ciliatus. Phytochemistry, 2016, 128, 27-34.	2.9	14
17	The dope on l â€•DOPA formation for betalain pigments. New Phytologist, 2016, 210, 6-9.	7.3	24
18	Control of anthocyanin pigmentation during flower development inCymbidiumorchid. Acta Horticulturae, 2015, , 333-340.	0.2	4

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19	Betalain induction by <scp>l</scp>â€<scp>DOPA</scp> application confers photoprotection to salineâ€exposed leaves of <i><scp>D</scp>isphyma australe</i>. New Phytologist, 2015, 207, 1075-1083.	7.3	41
20	Characterisation of betalain biosynthesis in Parakeelya flowers identifies the key biosynthetic gene DOD as belonging to an expanded LigB gene family that is conserved in betalain-producing species. Frontiers in Plant Science, 2015, 6, 499.	3.6	33
21	Failure to launch: the self-regulating Md-MYB10 R6 gene from apple is active in flowers but not leaves of Petunia. Plant Cell Reports, 2015, 34, 1817-1823.	5.6	11
22	Gene regulation networks generate diverse pigmentation patterns in plants. Plant Signaling and Behavior, 2014, 9, e29526.	2.4	58
23	MYB and bHLH transcription factor transgenes increase anthocyanin pigmentation in petunia and lisianthus plants, and the petunia phenotypes are strongly enhanced under field conditions. Frontiers in Plant Science, 2014, 5, 603.	3.6	56
24	A Conserved Network of Transcriptional Activators and Repressors Regulates Anthocyanin Pigmentation in Eudicots. Plant Cell, 2014, 26, 962-980.	6.6	610
25	Temporal and spatial regulation of anthocyanin biosynthesis provide diverse flower colour intensities and patterning in Cymbidium orchid. Planta, 2014, 240, 983-1002.	3.2	39
26	The B-ring hydroxylation pattern of anthocyanins can be determined through activity of the flavonoid 3â€²-hydroxylase on leucoanthocyanidins. Planta, 2014, 240, 1003-1010.	3.2	23
27	Biolistics-Based Gene Silencing in Plants Using a Modified Particle Inflow Gun. Methods in Molecular Biology, 2013, 940, 63-74.	0.9	4
28	From landing lights to mimicry: the molecular regulation of flower colouration and mechanisms for pigmentation patterning. Functional Plant Biology, 2012, 39, 619.	2.1	263
29	Betalain production is possible in anthocyanin-producing plant species given the presence of DOPA-dioxygenase and L-DOPA. BMC Plant Biology, 2012, 12, 34.	3.6	84
30	Members of an R2R3â€MYB transcription factor family in <i>Petunia</i> are developmentally and environmentally regulated to control complex floral and vegetative pigmentation patterning. Plant Journal, 2011, 65, 771-784.	5.7	401
31	The molecular basis for venation patterning of pigmentation and its effect on pollinator attraction in flowers of <i>Antirrhinum</i>. New Phytologist, 2011, 189, 602-615.	7.3	167
32	Activation of anthocyanin synthesis in Cymbidium orchids: variability between known regulators. Plant Cell, Tissue and Organ Culture, 2010, 100, 355-360.	2.3	36
33	Isolation and antisense suppression of flavonoid 3', 5'-hydroxylase modifies flower pigments and colour in cyclamen. BMC Plant Biology, 2010, 10, 107.	3.6	71
34	Identification of Mendel's White Flower Character. PLoS ONE, 2010, 5, e13230.	2.5	135
35	Methods for transient assay of gene function in floral tissues. Plant Methods, 2007, 3, 1.	4.3	86
36	Characterisation of aurone biosynthesis in Antirrhinum majus. Physiologia Plantarum, 2006, 128, 593-603.	5.2	24

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37	A Small Family of MYB-Regulatory Genes Controls Floral Pigmentation Intensity and Patterning in the Genus Antirrhinum. Plant Cell, 2006, 18, 831-851.	6.6	513
38	Molecular Biology and Biotechnology of Flavonoid Biosynthesis. , 2005, , 143-218.		10
39	Temporal and spatial expression of flavonoid biosynthetic genes in flowers of Anthurium andraeanum. Physiologia Plantarum, 2004, 122, 297-304.	5.2	49
40	Title is missing!. Euphytica, 2003, 131, 259-268.	1.2	190
41	Transcriptional regulation of secondary metabolism. Functional Plant Biology, 2003, 30, 913.	2.1	115
42	Chapter Eight Mechanisms and applications of transcriptional control of phenylpropanoid metabolism. Recent Advances in Phytochemistry, 2001, , 155-169.	0.5	15
43	Title is missing!. Molecular Breeding, 1998, 4, 59-66.	2.1	57
44	Flavonoid and carotenoid pigments in flower tissue of Sandersonia aurantiaca (Hook.). Scientia Horticulturae, 1998, 72, 179-192.	3.6	15
45	Expression of an Antirrhinum majus UDP-glucose:flavonoid-3-O-glucosyltransferase transgene alters flavonoid glycosylation and acylation in lisianthus (Eustoma grandiflorum Grise.). Plant Science, 1997, 125, 53-61.	3.6	45
46	Floral flavonoids and the potential for pelargonidin biosynthesis in commercial chrysanthemum cultivars. Phytochemistry, 1993, 35, 145-150.	2.9	56
47	Flavonoid biosynthesis in flower petals of five lines of lisianthus (Eustoma grandiflorum Grise.). Plant Science, 1993, 95, 67-77.	3.6	57
48	Recent Advances in the Molecular Biology and Metabolic Engineering of Flavonoid Biosynthesis in Ornamental Plants. , 0, , 139-166.		2