Erika Varkonyi-Gasic

List of Publications by Year
in descending order

42	4,101	236925 25	289244 40
papers	citations	h-index	g-index

44	44	44	4795
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A MADSâ€box gene with similarity to FLC is induced by cold and correlated with epigenetic changes to control budbreak in kiwifruit. New Phytologist, 2022, 233, 2111-2126.	7.3	25
2	<scp>CRISPRâ€Cas9</scp>â€mediated mutagenesis of kiwifruit <scp>BFT</scp> genes results in an evergrowing but not early flowering phenotype. Plant Biotechnology Journal, 2022, 20, 2064-2076.	8.3	20
3	Shy Girl, a kiwifruit suppressor of feminization, restricts gynoecium development via regulation of cytokinin metabolism and signalling. New Phytologist, 2021, 230, 1461-1475.	7.3	29
4	A gene expression atlas for kiwifruit (Actinidia chinensis) and network analysis of transcription factors. BMC Plant Biology, 2021, 21, 121.	3.6	18
5	RNAi-mediated repression of dormancy-related genes results in evergrowing apple trees. Tree Physiology, 2021, 41, 1510-1523.	3.1	24
6	An improved method for transformation of Actinidia arguta utilized to demonstrate a central role for MYB110 in regulating anthocyanin accumulation in kiwiberry. Plant Cell, Tissue and Organ Culture, 2020, 143, 291-301.	2.3	8
7	Two Y-chromosome-encoded genes determine sex in kiwifruit. Nature Plants, 2019, 5, 801-809.	9.3	148
8	Histone modification and activation by SOC1-like and drought stress-related transcription factors may regulate AcSVP2 expression during kiwifruit winter dormancy. Plant Science, 2019, 281, 242-250.	3.6	28
9	Mutagenesis of kiwifruit <scp>CENTRORADIALIS</scp>â€like genes transforms a climbing woody perennial with long juvenility and axillary flowering into a compact plant with rapid terminal flowering. Plant Biotechnology Journal, 2019, 17, 869-880.	8.3	106
10	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
11	Kiwifruit SVP2 controls developmental and drought-stress pathways. Plant Molecular Biology, 2018, 96, 233-244.	3.9	17
12	Ac<scp>FT</scp> promotes kiwifruit inÂvitro flowering when overexpressed and Arabidopsis flowering when expressed in the vasculature under its own promoter. Plant Direct, 2018, 2, e00068.	1.9	11
13	Overexpression of both AcSVP1 and AcSVP4 delays budbreak in kiwifruit A. chinensis var. deliciosa, but only AcSVP1 delays flowering in model plants. Environmental and Experimental Botany, 2018, 153, 262-270.	4.2	14
14	Phase Change and Phenology in Trees. Plant Genetics and Genomics: Crops and Models, 2017, , 227-274.	0.3	22
15	Three FT and multiple CEN and BFT genes regulate maturity, flowering, and vegetative phenology in kiwifruit. Journal of Experimental Botany, 2017, 68, 1539-1553.	4.8	39
16	Kiwifruit SVP2 gene prevents premature budbreak during dormancy. Journal of Experimental Botany, 2017, 68, 1071-1082.	4.8	62
17	Stem-Loop qRT-PCR for the Detection of Plant microRNAs. Methods in Molecular Biology, 2017, 1456, 163-175.	0.9	20
18	SVP-like MADS Box Genes Control Dormancy and Budbreak in Apple. Frontiers in Plant Science, 2017, 08, 477.	3.6	121

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19	Two Subclasses of Differentially Expressed TPS1 Genes and Biochemically Active TPS1 Proteins May Contribute to Sugar Signalling in Kiwifruit Actinidia chinensis. PLoS ONE, 2016, 11, e0168075.	2.5	4
20	FT and florigen long-distance flowering control in plants. Current Opinion in Plant Biology, 2016, 33, 77-82.	7.1	147
21	Functional diversification of the potato R2R3 MYB anthocyanin activators AN1, MYBA1, and MYB113 and their interaction with basic helix-loop-helix cofactors. Journal of Experimental Botany, 2016, 67, 2159-2176.	4.8	163
22	Functional and expression analyses of kiwifruitSOC1-like genes suggest that they may not have a role in the transition to flowering but may affect the duration of dormancy. Journal of Experimental Botany, 2015, 66, 4699-4710.	4.8	68
23	Overexpression of the kiwifruit SVP3 gene affects reproductive development and suppresses anthocyanin biosynthesis in petals, but has no effect on vegetative growth, dormancy, or flowering time. Journal of Experimental Botany, 2014, 65, 4985-4995.	4.8	59
24	ANALYSIS OF KIWIFRUIT MADS BOX GENES WITH POTENTIAL ROLES IN BUD DORMANCY AND FLOWER DEVELOPMENT. Acta Horticulturae, 2014, , 107-112.	0.2	2
25	Homologs of <scp>FT</scp>,<scp>CEN</scp> and <scp>FD</scp> respond to developmental and environmental signals affecting growth and flowering in the perennial vine kiwifruit. New Phytologist, 2013, 198, 732-746.	7.3	72
26	Conservation and divergence of four kiwifruit SVP-like MADS-box genes suggest distinct roles in kiwifruit bud dormancy and flowering. Journal of Experimental Botany, 2012, 63, 797-807.	4.8	148
27	Kiwifruit floral gene APETALA2 is alternatively spliced and accumulates in aberrant indeterminate flowers in the absence of miR172. Plant Molecular Biology, 2012, 78, 417-429.	3.9	51
28	Apple FLOWERING LOCUS T proteins interact with transcription factors implicated in cell growth and organ development. Tree Physiology, 2011, 31, 555-566.	3.1	62
29	Quantitative Stem-Loop RT-PCR for Detection of MicroRNAs. Methods in Molecular Biology, 2011, 744, 145-157.	0.9	126
30	GENETIC REGULATION OF FLOWERING IN KIWIFRUIT. Acta Horticulturae, 2011, , 221-227.	0.2	2
31	Identification and characterization of flowering genes in kiwifruit: sequence conservation and role in kiwifruit flower development. BMC Plant Biology, 2011, 11, 72.	3.6	43
32	Characterisation of microRNAs from apple (Malus domestica 'Royal Gala') vascular tissue and phloem sap. BMC Plant Biology, 2010, 10, 159.	3.6	102
33	qRT-PCR of Small RNAs. Methods in Molecular Biology, 2010, 631, 109-122.	0.9	34
34	FLOWERING LOCUS T Protein May Act as the Long-Distance Florigenic Signal in the Cucurbits. Plant Cell, 2007, 19, 1488-1506.	6.6	420
35	Protocol: a highly sensitive RT-PCR method for detection and quantification of microRNAs. Plant Methods, 2007, 3, 12.	4.3	1,048
36	A Systemic Small RNA Signaling System in Plants. Plant Cell, 2004, 16, 1979-2000.	6.6	488

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37	Plant Molecular Responses to Phosphate-Starvation. , 2003, , 175-178.		0
38	The White Clover enod40 Gene Family. Expression Patterns of Two Types of Genes Indicate a Role in Vascular Function. Plant Physiology, 2002, 129, 1107-1118.	4.8	28
39	2S Albumin from Buckwheat (Fagopyrum esculentumMoench) Seeds. Journal of Agricultural and Food Chemistry, 1999, 47, 1467-1470.	5.2	46
40	The Biosynthesis of 13S Buckwheat Seed Storage Protein. Journal of Plant Physiology, 1996, 147, 759-761.	3.5	26
41	Characterization of Buckwheat Seed Storage Proteins. Journal of Agricultural and Food Chemistry, 1996, 44, 972-974.	5.2	78
42	Kiwifruit maturation, ripening and environmental response is not affected by CENTRORADIALIS (CEN) gene-editing. New Zealand Journal of Crop and Horticultural Science, 0, , 1-17.	1.3	2