

Paula Elomaa

List of Publications by Year in descending order

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68
papers

3,867
citations

101496

36
h-index

128225

60
g-index

70
all docs

70
docs citations

70
times ranked

3040
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding capitulum development: <i>Gerbera hybrida</i> inflorescence meristem as an experimental system. <i>Capitulum</i> , 2022, 1, .	0.1	1
2	Phyllotaxis without symmetry: what can we learn from flower heads?. <i>Journal of Experimental Botany</i> , 2022, 73, 3319-3329.	2.4	9
3	Repatterning of the inflorescence meristem in <i>Gerbera hybrida</i> after wounding. <i>Journal of Plant Research</i> , 2021, 134, 431-440.	1.2	2
4	Don't be fooled: false flowers in Asteraceae. <i>Current Opinion in Plant Biology</i> , 2021, 59, 101972.	3.5	14
5	Phyllotactic patterning of gerbera flower heads. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	33
6	TCP and MADS-Box Transcription Factor Networks Regulate Heteromorphic Flower Type Identity in <i>Gerbera hybrida</i> . <i>Plant Physiology</i> , 2020, 184, 1455-1468.	2.3	33
7	My favourite flowering image: a capitulum of Asteraceae. <i>Journal of Experimental Botany</i> , 2019, 70, e6496-e6498.	2.4	1
8	Effects of LED light spectra on lettuce growth and nutritional composition. <i>Lighting Research and Technology</i> , 2018, 50, 880-893.	1.2	15
9	Evolutionary diversification of <i>CYC/TB1</i> -like TCP homologs and their recruitment for the control of branching and floral morphology in Papaveraceae (basal eudicots). <i>New Phytologist</i> , 2018, 220, 317-331.	3.5	22
10	Flower heads in Asteraceae—recruitment of conserved developmental regulators to control the flower-like inflorescence architecture. <i>Horticulture Research</i> , 2018, 5, 36.	2.9	50
11	Genome sequencing and population genomic analyses provide insights into the adaptive landscape of silver birch. <i>Nature Genetics</i> , 2017, 49, 904-912.	9.4	221
12	Dissecting functions of <i>SEPALLATA</i> -like <i>MADS</i> box genes in patterning of the pseudanthial inflorescence of <i>Gerbera hybrida</i> . <i>New Phytologist</i> , 2017, 216, 939-954.	3.5	46
13	Altered regulation of <i>TERMINAL FLOWER 1</i> causes the unique vernalisation response in an arctic woodland strawberry accession. <i>New Phytologist</i> , 2017, 216, 841-853.	3.5	24
14	Co-opting floral meristem identity genes for patterning of the flower-like Asteraceae inflorescence. <i>Plant Physiology</i> , 2016, 172, pp.00779.2016.	2.3	49
15	<i>TERMINAL FLOWER 1</i> is a breeding target for a novel everbearing trait and tailored flowering responses in cultivated strawberry (<i>Fragaria</i> — <i>Ananassa</i> Duch.). <i>Plant Biotechnology Journal</i> , 2016, 14, 1852-1861.	4.1	52
16	Anthocyanin biosynthesis in gerbera cultivar 'Estelle'™ and its acyanic sport 'Ivory'™. <i>Planta</i> , 2015, 242, 601-611.	1.6	29
17	Light quality regulates flowering in <i>FvFT1/FvTFL1</i> dependent manner in the woodland strawberry <i>Fragaria vesca</i> . <i>Frontiers in Plant Science</i> , 2014, 5, 271.	1.7	42
18	Functional diversification of duplicated chalcone synthase genes in anthocyanin biosynthesis of <i>Gerbera hybrida</i> . <i>New Phytologist</i> , 2014, 201, 1469-1483.	3.5	104

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19	Functional diversification of duplicated <i>CYC</i> clade genes in regulation of inflorescence development in <i>Gerbera hybrida</i> (Asteraceae). <i>Plant Journal</i> , 2014, 79, 783-796.	2.8	98
20	Molecular Control of Inflorescence Development in Asteraceae. <i>Advances in Botanical Research</i> , 2014, 72, 297-333.	0.5	33
21	Modification of Tobacco rattle virus RNA1 to Serve as a VIGS Vector Reveals That the 29K Movement Protein Is an RNA Silencing Suppressor of the Virus. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 503-514.	1.4	25
22	Dynamic control of supplemental lighting intensity in a greenhouse environment. <i>Lighting Research and Technology</i> , 2013, 45, 295-304.	1.2	64
23	The <i>Fragaria vesca</i> Homolog of SUPPRESSOR OF OVEREXPRESSION OF CONSTANS1 Represses Flowering and Promotes Vegetative Growth. <i>Plant Cell</i> , 2013, 25, 3296-3310.	3.1	113
24	Genetic diversity of native cultivated cacao accessions (<i>Theobroma cacao</i> L.) in Nicaragua. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2012, 10, 254-257.	0.4	1
25	Genetic purity of common bean seed generations (<i>Phaseolus vulgaris</i> cv. 'INTA ROJO') as tested with microsatellite markers. <i>Seed Science and Technology</i> , 2012, 40, 73-85.	0.6	4
26	Evolution and Diversification of the <i>CYC/TB1</i> Gene Family in Asteraceae--A Comparative Study in <i>Gerbera</i> (Mutisieae) and Sunflower (<i>Heliantheae</i>). <i>Molecular Biology and Evolution</i> , 2012, 29, 1155-1166.	3.5	127
27	Mutation in <i>TERMINAL FLOWER1</i> Reverses the Photoperiodic Requirement for Flowering in the Wild Strawberry <i>Fragaria vesca</i> . <i>Plant Physiology</i> , 2012, 159, 1043-1054.	2.3	158
28	Virus-induced gene silencing for Asteraceae--a reverse genetics approach for functional genomics in <i>Gerbera hybrida</i> . <i>Plant Biotechnology Journal</i> , 2012, 10, 970-978.	4.1	54
29	Over-expression of the <i>Gerbera hybrida</i> At-SOC1-like1 gene Gh-SOC1 leads to floral organ identity deterioration. <i>Annals of Botany</i> , 2011, 107, 1491-1499.	1.4	38
30	Characterization of <i>SQUAMOSA</i> -like genes in <i>Gerbera hybrida</i> , including one involved in reproductive transition. <i>BMC Plant Biology</i> , 2010, 10, 128.	1.6	44
31	Large scale interaction analysis predicts that the <i>Gerbera hybrida</i> floral E function is provided both by general and specialized proteins. <i>BMC Plant Biology</i> , 2010, 10, 129.	1.6	44
32	Functional characterization of B class MADS-box transcription factors in <i>Gerbera hybrida</i> . <i>Journal of Experimental Botany</i> , 2010, 61, 75-85.	2.4	58
33	Gerberan karvasaineet suojaavat hynteisherbivorialta. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2010, , 1-5.	0.0	0
34	Ahomansikan kukintaan vaikuttavien geenien karakterisointi. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2010, , 1-5.	0.0	0
35	Mansikan kukintageenien identifiointi. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2010, , 1-4.	0.0	0
36	Valon spektri sÄteelee ahomansikan (<i>Fragaria vesca</i> L.) rÄnsynmuodostusta ja kukintainduktiota. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2010, , 1-4.	0.0	0

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37	PLANTING YEAR PROHEXADIONE-CALCIUM TREATMENT INCREASES THE CROPPING POTENTIAL AND YIELD OF STRAWBERRY. <i>Acta Horticulturae</i> , 2009, , 741-744.	0.1	5
38	Identification of flowering genes in strawberry, a perennial SD plant. <i>BMC Plant Biology</i> , 2009, 9, 122.	1.6	65
39	Gibberellin mediates daylength-controlled differentiation of vegetative meristems in strawberry (<i>Fragaria Å— ananassa</i> Duch). <i>BMC Plant Biology</i> , 2009, 9, 18.	1.6	58
40	IDENTIFICATION OF FLOWERING RELATED CANDIDATE GENES FROM FRAGARIA VESCA USING EST SEQUENCING. <i>Acta Horticulturae</i> , 2009, , 459-462.	0.1	0
41	A TCP domain transcription factor controls flower type specification along the radial axis of the <i>Gerbera</i> (Asteraceae) inflorescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9117-9122.	3.3	229
42	Identification of target genes for a MYB-type anthocyanin regulator in <i>Gerbera hybrida</i> . <i>Journal of Experimental Botany</i> , 2008, 59, 3691-3703.	2.4	91
43	Plant biotechnology for deeper understanding, wider use and further development of agricultural and horticultural crops. <i>Agricultural and Food Science</i> , 2008, 17, 307.	0.3	3
44	Expression of xyloglucan endotransglycosylases of <i>Gerbera hybrida</i> and <i>Betula pendula</i> in <i>Pichia pastoris</i> . <i>Journal of Biotechnology</i> , 2007, 130, 161-170.	1.9	7
45	Transcriptional analysis of petal organogenesis in <i>Gerbera hybrida</i> . <i>Planta</i> , 2007, 226, 347-360.	1.6	35
46	Floral Developmental Genetics of <i>Gerbera</i> (Asteraceae). <i>Advances in Botanical Research</i> , 2006, , 323-351.	0.5	16
47	Patterns of MADS-box gene expression mark flower-type development in <i>Gerbera hybrida</i> (Asteraceae). <i>BMC Plant Biology</i> , 2006, 6, 11.	1.6	51
48	Mining plant diversity: <i>Gerbera</i> as a model system for plant developmental and biosynthetic research. <i>BioEssays</i> , 2006, 28, 756-767.	1.2	48
49	Reproductive meristem fates in <i>Gerbera</i> . <i>Journal of Experimental Botany</i> , 2006, 57, 3445-3455.	2.4	33
50	Analysis of the floral transcriptome uncovers new regulators of organ determination and gene families related to flower organ differentiation in <i>Gerbera hybrida</i> (Asteraceae). <i>Genome Research</i> , 2005, 15, 475-486.	2.4	75
51	Integration of reproductive meristem fates by a SEPALLATA-like MADS-box gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15817-15822.	3.3	113
52	Activation of Anthocyanin Biosynthesis in <i>Gerbera hybrida</i> (Asteraceae) Suggests Conserved Protein-Protein and Protein-Promoter Interactions between the Anciently Diverged Monocots and Eudicots. <i>Plant Physiology</i> , 2003, 133, 1831-1842.	2.3	137
53	GRCD1, an AGL2-Like MADS Box Gene, Participates in the C Function during Stamen Development in <i>Gerbera hybrida</i> . <i>Plant Cell</i> , 2000, 12, 1893.	3.1	1
54	GRCD1, an AGL2-like MADS Box Gene, Participates in the C Function during Stamen Development in <i>Gerbera hybrida</i> . <i>Plant Cell</i> , 2000, 12, 1893-1902.	3.1	82

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55	GEG Participates in the Regulation of Cell and Organ Shape during Corolla and Carpel Development in <i>Gerbera hybrida</i> . <i>Plant Cell</i> , 1999, 11, 1093.	3.1	6
56	GEG Participates in the Regulation of Cell and Organ Shape during Corolla and Carpel Development in <i>Gerbera hybrida</i> . <i>Plant Cell</i> , 1999, 11, 1093-1104.	3.1	125
57	Organ identity genes and modified patterns of flower development in <i>Gerbera hybrida</i> (Asteraceae). <i>Plant Journal</i> , 1999, 17, 51-62.	2.8	220
58	New pathway to polyketides in plants. <i>Nature</i> , 1998, 396, 387-390.	13.7	186
59	A bHLH transcription factor mediates organ, region and flower type specific signals on dihydroflavonol-4-reductase (<i>dfr</i>) gene expression in the inflorescence of <i>Gerbera hybrida</i> (Asteraceae). <i>Plant Journal</i> , 1998, 16, 93-99.	2.8	71
60	Duplication and functional divergence in the chalcone synthase gene family of Asteraceae: evolution with substrate change and catalytic simplification.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 9033-9038.	3.3	94
61	Transformation of antisense constructs of the chalcone synthase gene superfamily into <i>Gerbera hybrida</i> : differential effect on the expression of family members. <i>Molecular Breeding</i> , 1996, 2, 41.	1.0	29
62	Transgene inactivation in <i>Petunia hybrida</i> is influenced by the properties of the foreign gene. <i>Molecular Genetics and Genomics</i> , 1995, 248, 649-656.	2.4	73
63	Chalcone synthase-like genes active during corolla development are differentially expressed and encode enzymes with different catalytic properties in <i>Gerbera hybrida</i> (Asteraceae). <i>Plant Molecular Biology</i> , 1995, 28, 47-60.	2.0	99
64	<i>Gerbera hybrida</i> (Asteraceae) imposes regulation at several anatomical levels during inflorescence development on the gene for dihydroflavonol-4-reductase. <i>Plant Molecular Biology</i> , 1995, 28, 935-941.	2.0	15
65	Modification of Flower Colour using Genetic Engineering. <i>Biotechnology and Genetic Engineering Reviews</i> , 1994, 12, 63-88.	2.4	22
66	A corolla-and carpel-abundant, non-specific lipid transfer protein gene is expressed in the epidermis and parenchyma of <i>Gerbera hybrida</i> var. <i>Regina</i> (Compositae). <i>Plant Molecular Biology</i> , 1994, 26, 971-978.	2.0	33
67	Cloning of cDNA coding for dihydroflavonol-4-reductase (DFR) and characterization of <i>dfr</i> expression in the corollas of <i>Gerbera hybrida</i> var. <i>Regina</i> (Compositae). <i>Plant Molecular Biology</i> , 1993, 22, 183-193.	2.0	151
68	<i>Agrobacterium</i> -Mediated Transfer of Antisense Chalcone Synthase cDNA to <i>Gerbera hybrida</i> Inhibits Flower Pigmentation. <i>Nature Biotechnology</i> , 1993, 11, 508-511.	9.4	80