Paula Elizabeth Jameson

List of Publications by Year
in descending order

128	4,977	117625 34	106344 65
papers	citations	h-index	g-index

132	132	132	4741
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ethyleneâ€induced NbMYB4L is involved in resistance against tobacco mosaic virus in Nicotiana benthamiana. Molecular Plant Pathology, 2022, 23, 16-31.	4.2	13
2	A novel TFL1 gene induces flowering in the mast seeding alpine snow tussock, Chionochloa pallens (Poaceae). Molecular Ecology, 2022, 31, 822-838.	3.9	2
3	The LONELY GUY gene family: from mosses to wheat, the key to the formation of active cytokinins in plants. Plant Biotechnology Journal, 2022, 20, 625-645.	8.3	16
4	Concurrent overexpression of amino acid permease. Functional Plant Biology, 2021, 48, 889-904.	2.1	14
5	Transcription-associated metabolomic adjustments in maize occur during combined drought and cold stress. Plant Physiology, 2021, 186, 677-695.	4.8	108
6	Molecular control of the floral transition in the mast seeding plant Celmisia lyallii (Asteraceae). Molecular Ecology, 2021, 30, 1846-1863.	3.9	9
7	Cytokinin glucosyl transferases, key regulators of cytokinin homeostasis, have potential value for wheat improvement. Plant Biotechnology Journal, 2021, 19, 878-896.	8.3	37
8	Genome-Wide Identification and Expression Analysis of the Î²-Amylase Gene Family in Chenopodium quinoa. DNA and Cell Biology, 2021, 40, 936-948.	1.9	4
9	Plant Growth Regulators INCYDE and TD-K Underperform in Cereal Field Trials. Plants, 2021, 10, 2309.	3.5	4
10	Targeting Cytokinin Homeostasis in Rapid Cycling Brassica rapa with Plant Growth Regulators INCYDE and TD-K. Plants, 2021, 10, 39.	3.5	5
11	Cytokinin dehydrogenase: a genetic target for yield improvement in wheat. Plant Biotechnology Journal, 2020, 18, 614-630.	8.3	93
12	Post-Fire Resprouting in New Zealand Woody Vegetation: Implications for Restoration. Forests, 2020, 11, 269.	2.1	7
13	Litterboxâ€”A gnotobiotic Zeolite-Clay System to Investigate Arabidopsisâ€“Microbe Interactions. Microorganisms, 2020, 8, 464.	3.6	12
14	Will cytokinins underpin the second â€˜Green Revolutionâ€™?. Journal of Experimental Botany, 2020, 71, 6872-6875.	4.8	16
15	Identification of flowering-time genes in mast flowering plants using De Novo transcriptomic analysis. PLoS ONE, 2019, 14, e0216267.	2.5	4
16	Selection of reference genes for flowering pathway analysis in the masting plants, Celmisia lyallii and Chionochloa pallens, under variable environmental conditions. Scientific Reports, 2019, 9, 9767.	3.3	7
17	Field-scale variability in site conditions explain phenotypic plasticity in response to nitrogen source in Pinus radiata D. Don. Plant and Soil, 2019, 443, 353-368.	3.7	9
18	The Cytokinin Complex Associated With Rhodococcus fascians: Which Compounds Are Critical for Virulence?. Frontiers in Plant Science, 2019, 10, 674.	3.6	19

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19	Expression of Genes Related to Sugar and Amino Acid Transport and Cytokinin Metabolism during Leaf Development and Senescence in Pisum sativum L.. Plants, 2019, 8, 76.	3.5	33
20	Identification and expression of genes associated with the abscission layer controlling seed shattering inLolium perenne. AoB PLANTS, 2019, 11, ply076.	2.3	11
21	Virulent Rhodococcus fascians Produce Unique Methylated Cytokinins. Plants, 2019, 8, 582.	3.5	6
22	Phase change and flowering in woody plants of the New Zealand flora. Journal of Experimental Botany, 2019, 70, e6488-e6495.	4.8	6
23	Both epiphytic and endophytic strains of Rhodococcus fascians influence transporter gene expression and cytokinins in infected Pisum sativum L. seedlings. Plant Growth Regulation, 2018, 85, 231-242.	3.4	16
24	Infection byRhodococcus fasciansmaintains cotyledons as a sink tissue for the pathogen. Annals of Botany, 2017, 119, mcw202.	2.9	33
25	A RootNav analysis of morphological changes in Brassica napus L. roots in response to different nitrogen forms. Plant Growth Regulation, 2017, 83, 83-92.	3.4	11
26	Coordinated nitrogen and carbon remobilization for nitrate assimilation in leaf, sheath and root and associated cytokinin signals during early regrowth of Lolium perenne. Annals of Botany, 2017, 119, 1353-1364.	2.9	13
27	A rapid and cost effective protocol for plant genomic DNA isolation using regenerated silica columns in combination with CTAB extraction. Journal of Integrative Agriculture, 2017, 16, 1682-1688.	3.5	32
28	Differential Gene Expression in the Meristem and during Early Fruit Growth of Pisum sativum L. Identifies Potential Targets for Breeding. International Journal of Molecular Sciences, 2017, 18, 428.	4.1	12
29	Depletion of carbohydrate reserves limits nitrate uptake during early regrowth in Lolium perenne L.. Journal of Experimental Botany, 2017, 68, 1569-1583.	4.8	23
30	Insights into the functional relationship between cytokinin-induced root system phenotypes and nitrate uptake in Brassica napus. Functional Plant Biology, 2017, 44, 832.	2.1	4
31	Cytokinins and Expression of SWEET, SUT, CWINV and AAP Genes Increase as Pea Seeds Germinate. International Journal of Molecular Sciences, 2016, 17, 2013.	4.1	28
32	Metabolic changes and associated cytokinin signals in response to nitrate assimilation in roots and shoots of Lolium perenne. Physiologia Plantarum, 2016, 156, 497-511.	5.2	17
33	Cytokinin: a key driver of seed yield. Journal of Experimental Botany, 2016, 67, 593-606.	4.8	219
34	Expression patterns ofBrassica napusgenes implicateIPT, CKX, sucrose transporter, cell wall invertase, and amino acid permease gene family members in leaf, flower, silique, and seed development. Journal of Experimental Botany, 2015, 66, 5067-5082.	4.8	42
35	A Conserved Network of Transcriptional Activators and Repressors Regulates Anthocyanin Pigmentation in Eudicots. Plant Cell, 2014, 26, 962-980.	6.6	610
36	Measurement of the distribution of nonâ€structural carbohydrate composition in onion populations by a highâ€throughput microplate enzymatic assay. Journal of the Science of Food and Agriculture, 2013, 93, 2470-2477.	3.5	11

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37	Endogenous cytokinin in developing kiwifruit is implicated in maintaining fruit flesh chlorophyll levels. Annals of Botany, 2013, 112, 57-68.	2.9	29
38	Expression and functional characterization of a white clover isoflavone synthase in tobacco. Annals of Botany, 2012, 110, 1291-1301.	2.9	14
39	The control of chlorophyll levels in maturing kiwifruit. Planta, 2012, 236, 1615-1628.	3.2	55
40	Co-ordinate regulation of cytokinin gene family members during flag leaf and reproductive development in wheat. BMC Plant Biology, 2012, 12, 78.	3.6	82
41	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
42	Micro-scale chlorophyll analysis and developmental expression of a cytokinin oxidase/dehydrogenase gene during leaf development and senescence. Plant Growth Regulation, 2012, 66, 95-99.	3.4	9
43	Members of an R2R3â€MYB transcription factor family in Petunia are developmentally and environmentally regulated to control complex floral and vegetative pigmentation patterning. Plant Journal, 2011, 65, 771-784.	5.7	401
44	The molecular basis for venation patterning of pigmentation and its effect on pollinator attraction in flowers of Antirrhinum. New Phytologist, 2011, 189, 602-615.	7.3	167
45	Effect of environment and shoot architecture on floral transition and gene expression in Eucalyptus occidentalis and Metrosideros excelsa. Plant Growth Regulation, 2011, 64, 53-61.	3.4	6
46	Isopentenyl Transferase and Cytokinin Oxidase/Dehydrogenase Gene Family Members are Differentially Expressed During Pod and Seed Development in Rapid-cycling Brassica. Journal of Plant Growth Regulation, 2011, 30, 92-99.	5.1	16
47	Expression of floral identity genes in Clianthus maximus during mass inflorescence abortion and floral development. Annals of Botany, 2011, 107, 1501-1509.	2.9	9
48	Phase change and flowering in Pachycladon exile and isolation of LEAFY and TERMINAL FLOWER1 homologues. New Zealand Journal of Botany, 2011, 49, 281-293.	1.1	3
49	Activation of anthocyanin synthesis in Cymbidium orchids: variability between known regulators. Plant Cell, Tissue and Organ Culture, 2010, 100, 355-360.	2.3	36
50	Quantitative expression analysis of meristem identity genes in Eucalyptus occidentalis: AP1 is an expression marker for flowering. Tree Physiology, 2010, 30, 304-312.	3.1	17
51	6-Benzyladenine metabolism during reinvigoration of mature Pinus radiata buds in vitro. Tree Physiology, 2010, 30, 514-526.	3.1	37
52	Vegetative phase change and photosynthesis in Eucalyptus occidentalis: architectural simplification prolongs juvenile traits. Tree Physiology, 2010, 30, 393-403.	3.1	33
53	Light-induced vegetative anthocyanin pigmentation in Petunia. Journal of Experimental Botany, 2009, 60, 2191-2202.	4.8	256
54	Autonomous, environmental and exogenous gibberellin regulation of floral development and isolation of a putative partial FLORICAULA/LEAFY homologue in Phormium cookianum (Agavaceae). Plant Growth Regulation, 2009, 58, 191-199.	3.4	4

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55	Molecular markers and a sequence deletion in intron 2 of the putative partial homologue of LEAFY reveal geographical structure to genetic diversity in the acutely threatened legume genus Clianthus. Biological Conservation, 2008, 141, 2041-2053.	4.1	8
56	Quantitative expression analysis of the ABC genes in Sophora tetraptera, a woody legume with an unusual sequence of floral organ development. Journal of Experimental Botany, 2008, 59, 247-259.	4.8	25
57	Methods for transient assay of gene function in floral tissues. Plant Methods, 2007, 3, 1.	4.3	86
58	Bushiness and cytokinin profile in dormant and sprouting tubers of Zantedeschia. Plant Cell, Tissue and Organ Culture, 2007, 89, 185-191.	2.3	2
59	Regulation of Harvest-induced Senescence in Broccoli (Brassica oleracea var. italica) by Cytokinin, Ethylene, and Sucrose. Journal of Plant Growth Regulation, 2005, 24, 153-165.	5.1	39
60	Expression of three Arabidopsis cytokinin oxidase/dehydrogenase promoter::GUS chimeric constructs in tobacco: response to developmental and biotic factors. Plant Growth Regulation, 2005, 45, 173-182.	3.4	14
61	Rhodococcus fascians: Shoot Proliferation without Elevated Cytokinins?. Plant Growth Regulation, 2005, 46, 109-115.	3.4	25
62	Senescence-associated down-regulation of 1-aminocyclopropane-1-carboxylate (ACC) oxidase delays harvest-induced senescence in broccoli. Functional Plant Biology, 2005, 32, 891.	2.1	27
63	Causes and Effects of Changes in Xylem Functionality in Apple Fruit. Annals of Botany, 2004, 93, 275-282.	2.9	115
64	Temporal and spatial expression of flavonoid biosynthetic genes in flowers of Anthurium andraeanum. Physiologia Plantarum, 2004, 122, 297-304.	5.2	49
65	Flowering genes in Metrosideros fit a broad herbaceous model encompassing Arabidopsis and Antirrhinum. Physiologia Plantarum, 2004, 121, 163-173.	5.2	21
66	Vessel differentiation in the pedicel of apple and the effects of auxin transport inhibition. Physiologia Plantarum, 2004, 120, 162-170.	5.2	38
67	Air volume measurement of 'Braeburn' apple fruit. Journal of Experimental Botany, 2004, 55, 1061-1069.	4.8	53
68	Salicylic acid-, but not cytokinin-induced, resistance to WClMV is associated with increased expression of SA-dependent resistance genes in Phaseolus vulgaris. Journal of Plant Physiology, 2004, 161, 459-466.	3.5	33
69	Modelling the influence of seed set on fruit shape in apple. Journal of Horticultural Science and Biotechnology, 2004, 79, 241-245.	1.9	10
70	Changes in carbon isotope composition during vegetative phase change in a woody perennial plant. Plant Growth Regulation, 2003, 39, 33-40.	3.4	5
71	Development of a Mathematical Method for Classifying and Comparing Tree Architecture Using Parameters from a Topological Model of a Trifurcating Botanical Tree. Journal of Theoretical Biology, 2003, 220, 371-391.	1.7	7
72	Cytokinins and bud morphology in Pinus radiata. Physiologia Plantarum, 2003, 117, 264-269.	5.2	34

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73	Effect of irradiance during floral induction on floral initiation and subsequent development in buds of different size inMetrosideros excelsa(Myrtaceae). Journal of Horticultural Science and Biotechnology, 2003, 78, 204-212.	1.9	8
74	Frequency of Vascular Nodules in the Fruit of 'Gala' Ã— 'Splendour' Hybrids and Other Apple Cultivars. Hortscience: A Publication of the American Society for Hortcultural Science, 2003, 38, 422-423.	1.0	0
75	Are juvenile forms of New Zealand heteroblastic trees more resistant to water loss than their mature counterparts?. New Zealand Journal of Botany, 2002, 40, 313-325.	1.1	20
76	Hormone-Virus Interactions in Plants. Critical Reviews in Plant Sciences, 2002, 21, 205-228.	5.7	50
77	Novel jasmonate amino acid conjugates in Asparagus officinalis during harvest-induced and natural foliar senescence. Physiologia Plantarum, 2002, 114, 116-124.	5.2	20
78	Changes in the activities of antioxidant enzymes in response to virus infection and hormone treatment. Physiologia Plantarum, 2002, 114, 157-164.	5.2	133
79	Bushiness and cytokinin sensitivity in micropropagated Zantedeschia. Plant Cell, Tissue and Organ Culture, 2002, 70, 113-118.	2.3	13
80	Title is missing!. Plant Cell, Tissue and Organ Culture, 2002, 70, 41-50.	2.3	24
81	Cycles of Floral and Vegetative Development inMetrosideros excelsa(Myrtaceae). International Journal of Plant Sciences, 2001, 162, 719-727.	1.3	15
82	The frost resistance of juvenile and adult forms of some heteroblastic New Zealand plants. New Zealand Journal of Botany, 2001, 39, 355-363.	1.1	28
83	Novel cytokinins: The predominant forms in mature buds of Pinus radiata. Physiologia Plantarum, 2001, 112, 127-134.	5.2	22
84	Effects of photoperiod, temperature and bud size on Â¯owering inMetrosideros excelsa(Myrtaceae). Journal of Horticultural Science and Biotechnology, 2000, 75, 55-61.	1.9	7
85	Effects of plant hormones on white clover mosaic potexvirus double-stranded RNA. Plant Pathology, 2000, 49, 428-434.	2.4	21
86	Stamen abscission and water balance in Metrosideros flowers. Physiologia Plantarum, 2000, 110, 271-278.	5.2	4
87	Cytokinins and auxins in plant-pathogen interactions â€“ An overview. Plant Growth Regulation, 2000, 32, 369-380.	3.4	161
88	Modified ELISA for the detection of neomycin phosphotransferase II in transformed plant species. Plant Cell Reports, 2000, 19, 286-289.	5.6	11
89	Influence of White Clover Mosaic Potexvirus Infection on the Endogenous Levels of Jasmonic Acid and Related Compounds in Phaseolus vulgaris L. Seedlings. Journal of Plant Physiology, 2000, 156, 433-437.	3.5	18
90	Cytokinins: Extraction, Separation, and Analysis. , 2000, 141, 101-121.		9

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91	Influence of White Clover Mosaic Potexvirus Infection on the Endogenous Cytokinin Content of Bean. Plant Physiology, 1999, 120, 547-552.	4.8	39
92	Vegetative phase change in Metrosideros: Shoot and root restriction. Plant Growth Regulation, 1999, 28, 207-214.	3.4	14
93	Title is missing!. Plant Growth Regulation, 1998, 26, 1-6.	3.4	5
94	Influence of plant hormones on virus replication and pathogenesis-related proteins inPhaseolus vulgarisL. infected with white clover mosaic potexvirus. Physiological and Molecular Plant Pathology, 1998, 53, 195-207.	2.5	57
95	Adventitious root initiation, plasticity, and response to plant growth regulator treatments of seedling, juvenile, and adultElaeocarpus hookerianusplants. New Zealand Journal of Botany, 1998, 36, 477-484.	1.1	4
96	Controlled Cytokinin Production in Transgenic Tobacco Using a Copper-Inducible Promoter. Plant Physiology, 1998, 116, 969-977.	4.8	132
97	Vegetative Architecture ofElaeocarpus hookerianus.Transition from Juvenile to Adult. Annals of Botany, 1997, 79, 617-624.	2.9	39
98	Xyloglucan and hemicelluloses in the cell wall during apple fruit development and ripening. Plant Science, 1997, 125, 31-39.	3.6	46
99	PCR amplification of the fasâ€1 gene for the detection of virulent strains of Rhodococcus fascians. Plant Pathology, 1996, 45, 407-417.	2.4	62
100	Cytokinins and the regulation of plant form in three species ofSophora. New Zealand Journal of Botany, 1996, 34, 123-130.	1.1	5
101	The relationship between virulence and cytokinin production by Rhodococcus fascians (Tilford 1936) Goodfellow 1984. Plant Pathology, 1996, 45, 323-331.	2.4	43
102	Xyloglucan endotransglycosylase activity during fruit development and ripening of apple and kiwifruit. Physiologia Plantarum, 1996, 96, 43-50.	5.2	41
103	Cytokinins and fruit development in the kiwifruit (Actinidia deliciosa). I. Changes during fruit development. Physiologia Plantarum, 1996, 98, 179-186.	5.2	28
104	Cytokinins and fruit development in the kiwifruit (Actinidia deliciosa). II. Effects of reduced pollination and CPPU application. Physiologia Plantarum, 1996, 98, 187-195.	5.2	50
105	An investigation of recalcitrance in seeds of three native New Zealand tree species. New Zealand Journal of Botany, 1996, 34, 583-590.	1.1	10
106	Xyloglucan endotransglycosylase activity during fruit development and ripening of apple and kiwifruit. Physiologia Plantarum, 1996, 96, 43-50.	5.2	32
107	Cytokinins and fruit development in the kiwifruit (Actinidia deliciosa). I. Changes during fruit development. Physiologia Plantarum, 1996, 98, 179-186.	5.2	3
108	Gibberellins and bud break, vegetative shoot growth and flowering in Metrosideros collina cv. Tahiti. Plant Growth Regulation, 1995, 16, 161-171.	3.4	13

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109	The winter hardening and foliar frost resistance of some New Zealand species ofPittosporum. New Zealand Journal of Botany, 1995, 33, 409-414.	1.1	24
110	Effects of three plant growth regulators on growth, morphology, water relations, and frost resistance in lemonwood (Pittosporum eugenioidesA.Cunn). New Zealand Journal of Botany, 1995, 33, 415-424.	1.1	13
111	Cytokinins Associated With Metamorphic Vegetative Growth in Elaeocarpus hookerianus. Functional Plant Biology, 1995, 22, 67.	2.1	7
112	The influence of 6-benzylaminopurine on post-harvest senescence of floral tissues of broccoli (Brassica oleracea var Italica). Plant Growth Regulation, 1994, 14, 21-27.	3.4	48
113	Cloning an ipt gene from Agrobacterium tumefaciens: characterisation of cytokinins in derivative transgenic plant tissue. Plant Growth Regulation, 1994, 14, 217-228.	3.4	13
114	The effects of low temperatures on seed germination of some New Zealand species ofPittosporum. New Zealand Journal of Botany, 1994, 32, 483-485.	1.1	9
115	Early panicle development inChionochloa macraplants induced to flower by 2,2 dimethyl gibberellin A4or long days. New Zealand Journal of Botany, 1993, 31, 193-201.	1.1	11
116	Corynebacterium fascians: Cytokinin production is positively correlated with virulence. Current Plant Science and Biotechnology in Agriculture, 1992, , 511-516.	0.0	1
117	The Influence of Cytokinins on the Growth of Macrocystis pyrifera. Botanica Marina, 1991, 34, .	1.2	10
118	Rapid Identification of Cytokinins by an Immunological Method. Plant Physiology, 1991, 95, 1156-1161.	4.8	28
119	Responses of ivy (Hedera helix L.) to combinations of gibberellic acid, paclobutrazol and abscisic acid. Plant Growth Regulation, 1990, 9, 107-117.	3.4	3
120	Growth regulation and phase change in some New Zealand heteroblastic plants. New Zealand Journal of Botany, 1990, 28, 187-193.	1.1	16
121	Comparative Effects of Four Naturally-occurring Cytokinins in the Amaranthus Bioassay. Journal of Plant Physiology, 1990, 136, 638-640.	3.5	9
122	The Cytokinins as Endogenous Growth Regulators in Macrocystis pyrifera (L.) C. Ag. (Phaeophyceae). Botanica Marina, 1990, 33, .	1.2	17
123	Growth promotion of ivy (Hedera helix L.) by paclobutrazol. Plant Growth Regulation, 1989, 8, 309-314.	3.4	9
124	Zeatin-Like Cytokinins in Yeast: Detection by Immunological Methods. Journal of Plant Physiology, 1989, 135, 385-390.	3.5	27
125	Cytokinin Biochemistry in Relation to Leaf Senescence. Plant Physiology, 1988, 88, 788-794.	4.8	70
126	Auxin in a Seaweed Extract: Identification and Quantitation of Indole-3-acetic acid by Gas Chromatography-Mass Spectrometry. Journal of Plant Physiology, 1987, 129, 363-367.	3.5	64

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127	Changes in cytokinins during initiation and development of potato tubers. Physiologia Plantarum, 1985, 63, 53-57.	5.2	15
128	CYTOKININ PRODUCTION BY ECTOMYCORRHIZAL FUNGI. New Phytologist, 1982, 91, 57-62.	7.3	35