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	A Conserved Network of Transcriptional Activators and Repressors Regulates Anthocyanin Pigmentation in Eudicots. Plant Cell, 2014, 26, 962-980.	6.6	610
2	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
3	Light-induced vegetative anthocyanin pigmentation in Petunia. Journal of Experimental Botany, 2009, 60, 2191-2202.	4.8	256
4	Cytokinin: a key driver of seed yield. Journal of Experimental Botany, 2016, 67, 593-606.	4.8	219
5	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
6	Cytokinins and auxins in plant-pathogen interactions â€“ An overview. Plant Growth Regulation, 2000, 32, 369-380.	3.4	161
7	Changes in the activities of antioxidant enzymes in response to virus infection and hormone treatment. Physiologia Plantarum, 2002, 114, 157-164.	5.2	133
8	Controlled Cytokinin Production in Transgenic Tobacco Using a Copper-Inducible Promoter. Plant Physiology, 1998, 116, 969-977.	4.8	132
9	Causes and Effects of Changes in Xylem Functionality in Apple Fruit. Annals of Botany, 2004, 93, 275-282.	2.9	115
10	Transcription-associated metabolomic adjustments in maize occur during combined drought and cold stress. Plant Physiology, 2021, 186, 677-695.	4.8	108
11	Cytokinin dehydrogenase: a genetic target for yield improvement in wheat. Plant Biotechnology Journal, 2020, 18, 614-630.	8.3	93
12	Methods for transient assay of gene function in floral tissues. Plant Methods, 2007, 3, 1.	4.3	86
13	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
14	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
15	Cytokinin Biochemistry in Relation to Leaf Senescence. Plant Physiology, 1988, 88, 788-794.	4.8	70
16	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
17	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
18	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

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19	The control of chlorophyll levels in maturing kiwifruit. Planta, 2012, 236, 1615-1628.	3.2	55
20	Air volume measurement of 'Braeburn' apple fruit. Journal of Experimental Botany, 2004, 55, 1061-1069.	4.8	53
21	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
22	Hormone-Virus Interactions in Plants. Critical Reviews in Plant Sciences, 2002, 21, 205-228.	5.7	50
23	Temporal and spatial expression of flavonoid biosynthetic genes in flowers of Anthurium andraeanum. Physiologia Plantarum, 2004, 122, 297-304.	5.2	49
24	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
25	Xyloglucan and hemicelluloses in the cell wall during apple fruit development and ripening. Plant Science, 1997, 125, 31-39.	3.6	46
26	The relationship between virulence and cytokinin production by Rhodococcus fascians (Tilford 1936) Goodfellow 1984. Plant Pathology, 1996, 45, 323-331.	2.4	43
27	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
28	Xyloglucan endotransglycosylase activity during fruit development and ripening of apple and kiwifruit. Physiologia Plantarum, 1996, 96, 43-50.	5.2	41
29	Vegetative Architecture ofElaeocarpus hookerianus.Transition from Juvenile to Adult. Annals of Botany, 1997, 79, 617-624.	2.9	39
30	Influence of White Clover Mosaic Potexvirus Infection on the Endogenous Cytokinin Content of Bean. Plant Physiology, 1999, 120, 547-552.	4.8	39
31	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
32	Vessel differentiation in the pedicel of apple and the effects of auxin transport inhibition. Physiologia Plantarum, 2004, 120, 162-170.	5.2	38
33	6-Benzyladenine metabolism during reinvigoration of mature Pinus radiata buds in vitro. Tree Physiology, 2010, 30, 514-526.	3.1	37
34	Cytokinin glucosyl transferases, key regulators of cytokinin homeostasis, have potential value for wheat improvement. Plant Biotechnology Journal, 2021, 19, 878-896.	8.3	37
35	Activation of anthocyanin synthesis in Cymbidium orchids: variability between known regulators. Plant Cell, Tissue and Organ Culture, 2010, 100, 355-360.	2.3	36
36	CYTOKININ PRODUCTION BY ECTOMYCORRHIZAL FUNGI. New Phytologist, 1982, 91, 57-62.	7.3	35

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37	Cytokinins and bud morphology in Pinus radiata. Physiologia Plantarum, 2003, 117, 264-269.	5.2	34
38	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
39	Vegetative phase change and photosynthesis in Eucalyptus occidentalis: architectural simplification prolongs juvenile traits. Tree Physiology, 2010, 30, 393-403.	3.1	33
40	Infection byRhodococcus fasciansmaintains cotyledons as a sink tissue for the pathogen. Annals of Botany, 2017, 119, mcw202.	2.9	33
41	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
42	Xyloglucan endotransglycosylase activity during fruit development and ripening of apple and kiwifruit. Physiologia Plantarum, 1996, 96, 43-50.	5.2	32
43	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
44	Endogenous cytokinin in developing kiwifruit is implicated in maintaining fruit flesh chlorophyll levels. Annals of Botany, 2013, 112, 57-68.	2.9	29
45	Rapid Identification of Cytokinins by an Immunological Method. Plant Physiology, 1991, 95, 1156-1161.	4.8	28
46	Cytokinins and fruit development in the kiwifruit (Actinidia deliciosa). I. Changes during fruit development. Physiologia Plantarum, 1996, 98, 179-186.	5.2	28
47	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
48	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
49	Zeatin-Like Cytokinins in Yeast: Detection by Immunological Methods. Journal of Plant Physiology, 1989, 135, 385-390.	3.5	27
50	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
51	Rhodococcus fascians: Shoot Proliferation without Elevated Cytokinins?. Plant Growth Regulation, 2005, 46, 109-115.	3.4	25
52	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
53	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
54	Title is missing!. Plant Cell, Tissue and Organ Culture, 2002, 70, 41-50.	2.3	24

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55	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
56	Novel cytokinins: The predominant forms in mature buds of Pinus radiata. Physiologia Plantarum, 2001, 112, 127-134.	5.2	22
57	Effects of plant hormones on white clover mosaic potexvirus double-stranded RNA. Plant Pathology, 2000, 49, 428-434.	2.4	21
58	Flowering genes in Metrosideros fit a broad herbaceous model encompassing Arabidopsis and Antirrhinum. Physiologia Plantarum, 2004, 121, 163-173.	5.2	21
59	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
60	Novel jasmonate amino acid conjugates in Asparagus officinalis during harvest-induced and natural foliar senescence. Physiologia Plantarum, 2002, 114, 116-124.	5.2	20
61	The Cytokinin Complex Associated With Rhodococcus fascians: Which Compounds Are Critical for Virulence?. Frontiers in Plant Science, 2019, 10, 674.	3.6	19
62	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
63	The Cytokinins as Endogenous Growth Regulators in Macrocystis pyrifera (L.) C. Ag. (Phaeophyceae). Botanica Marina, 1990, 33, .	1.2	17
64	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
65	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
66	Growth regulation and phase change in some New Zealand heteroblastic plants. New Zealand Journal of Botany, 1990, 28, 187-193.	1.1	16
67	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
68	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
69	Will cytokinins underpin the second â€˜Green Revolutionâ€™?. Journal of Experimental Botany, 2020, 71, 6872-6875.	4.8	16
70	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
71	Changes in cytokinins during initiation and development of potato tubers. Physiologia Plantarum, 1985, 63, 53-57.	5.2	15
72	Cycles of Floral and Vegetative Development inMetrosideros excelsa(Myrtaceae). International Journal of Plant Sciences, 2001, 162, 719-727.	1.3	15

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73	Vegetative phase change in Metrosideros: Shoot and root restriction. Plant Growth Regulation, 1999, 28, 207-214.	3.4	14
74	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
75	Expression and functional characterization of a white clover isoflavone synthase in tobacco. Annals of Botany, 2012, 110, 1291-1301.	2.9	14
76	Concurrent overexpression of amino acid permease. Functional Plant Biology, 2021, 48, 889-904.	2.1	14
77	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
78	Gibberellins and bud break, vegetative shoot growth and flowering in Metrosideros collina cv. Tahiti. Plant Growth Regulation, 1995, 16, 161-171.	3.4	13
79	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
80	Bushiness and cytokinin sensitivity in micropropagated Zantedeschia. Plant Cell, Tissue and Organ Culture, 2002, 70, 113-118.	2.3	13
81	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
82	Ethyleneâ€induced NbMYB4L is involved in resistance against tobacco mosaic virus in Nicotiana benthamiana. Molecular Plant Pathology, 2022, 23, 16-31.	4.2	13
83	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
84	Litterboxâ€"A gnotobiotic Zeolite-Clay System to Investigate Arabidopsisâ€“Microbe Interactions. Microorganisms, 2020, 8, 464.	3.6	12
85	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
86	Modified ELISA for the detection of neomycin phosphotransferase II in transformed plant species. Plant Cell Reports, 2000, 19, 286-289.	5.6	11
87	Measurement of the distribution of nonâ€starch 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
88	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
89	Identification and expression of genes associated with the abscission layer controlling seed shattering inLolium perenne. AoB PLANTS, 2019, 11, ply076.	2.3	11
90	The Influence of Cytokinins on the Growth of Macrocystis pyrifera. Botanica Marina, 1991, 34, .	1.2	10

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91	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
92	Modelling the influence of seed set on fruit shape in apple. Journal of Horticultural Science and Biotechnology, 2004, 79, 241-245.	1.9	10
93	Growth promotion of ivy (Hedera helix L.) by paclobutrazol. Plant Growth Regulation, 1989, 8, 309-314.	3.4	9
94	Comparative Effects of Four Naturally-occurring Cytokinins in the Amaranthus Bioassay. Journal of Plant Physiology, 1990, 136, 638-640.	3.5	9
95	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
96	Cytokinins: Extraction, Separation, and Analysis. , 2000, 141, 101-121.		9
97	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
98	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
99	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
100	Molecular control of the floral transition in the mast seeding plant Celmisia lyallii (Asteraceae). Molecular Ecology, 2021, 30, 1846-1863.	3.9	9
101	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
102	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
103	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
104	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
105	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
106	Post-Fire Resprouting in New Zealand Woody Vegetation: Implications for Restoration. Forests, 2020, 11, 269.	2.1	7
107	Cytokinins Associated With Metamorphic Vegetative Growth in Elaeocarpus hookerianus. Functional Plant Biology, 1995, 22, 67.	2.1	7
108	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

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109	Virulent Rhodococcus fascians Produce Unique Methylated Cytokinins. Plants, 2019, 8, 582.	3.5	6
110	Phase change and flowering in woody plants of the New Zealand flora. Journal of Experimental Botany, 2019, 70, e6488-e6495.	4.8	6
111	Cytokinins and the regulation of plant form in three species ofSophora. New Zealand Journal of Botany, 1996, 34, 123-130.	1.1	5
112	Title is missing!. Plant Growth Regulation, 1998, 26, 1-6.	3.4	5
113	Changes in carbon isotope composition during vegetative phase change in a woody perennial plant. Plant Growth Regulation, 2003, 39, 33-40.	3.4	5
114	Targeting Cytokinin Homeostasis in Rapid Cycling Brassica rapa with Plant Growth Regulators INCYDE and TD-K. Plants, 2021, 10, 39.	3.5	5
115	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
116	Stamen abscission and water balance in Metrosideros flowers. Physiologia Plantarum, 2000, 110, 271-278.	5.2	4
117	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
118	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
119	Identification of flowering-time genes in mast flowering plants using De Novo transcriptomic analysis. PLoS ONE, 2019, 14, e0216267.	2.5	4
120	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
121	Plant Growth Regulators INCYDE and TD-K Underperform in Cereal Field Trials. Plants, 2021, 10, 2309.	3.5	4
122	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
123	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
124	Cytokinins and fruit development in the kiwifruit (Actinidia deliciosa). I. Changes during fruit development. Physiologia Plantarum, 1996, 98, 179-186.	5.2	3
125	Bushiness and cytokinin profile in dormant and sprouting tubers of Zantedeschia. Plant Cell, Tissue and Organ Culture, 2007, 89, 185-191.	2.3	2
126	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

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127	Corynebacterium fascians: Cytokinin production is positively correlated with virulence. Current Plant Science and Biotechnology in Agriculture, 1992, , 511-516.	0.0	1
128	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