Janine M Cooney

List of Publications by Year
in descending order

98 papers	4,930 citations	117453 34 h-index	98622 67 g-index
101 all docs	101 docs citations	101 times ranked	6070 citing authors

#	Article	IF	Citations
1	Transient Changes in Defence Gene Expression and Phytohormone Content Induced by Acibenzolar-S-Methyl in Glasshouse and Orchard Grown Kiwifruit. Frontiers in Agronomy, 2022, 3, .	1.5	6
2	Defence Responses Associated with Elicitor-Induced, Cultivar-Associated Resistance to Latania Scale in Kiwifruit. Plants, 2022, 11, 10.	1.6	5
3	Boysenberry and apple juice concentrate reduced acute lung inflammation and increased M2 macrophageâ€associated cytokines in an acute mouse model of allergic airways disease. Food Science and Nutrition, 2021, 9, 1491-1503.	1.5	6
4	Shy Girl, a kiwifruit suppressor of feminization, restricts gynoecium development via regulation of cytokinin metabolism and signalling. New Phytologist, 2021, 230, 1461-1475.	3.5	29
5	RNAi-mediated repression of dormancy-related genes results in evergrowing apple trees. Tree Physiology, 2021, 41, 1510-1523.	1.4	24
6	A Polyphenol Enriched Variety of Apple Alters Circulating Immune Cell Gene Expression and Faecal Microbiota Composition in Healthy Adults: A Randomized Controlled Trial. Nutrients, 2021, 13, 1092.	1.7	21
7	The effects of blanching on composition and modification of proteins in navy beans (Phaseolus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.2	11
8	Modifying Carbohydrate Supply to Fruit during Development Changes the Composition and Flavour of Actinidia chinensis var. chinensis â€˜Zesy002â€™ Kiwifruit. Plants, 2021, 10, 1328.	1.6	8
9	Elevating Ascorbate in Arabidopsis Stimulates the Production of Abscisic Acid, Phaseic Acid, and to a Lesser Extent Auxin (IAA) and Jasmonates, Resulting in Increased Expression of DHAR1 and Multiple Transcription Factors Associated with Abiotic Stress Tolerance. International Journal of Molecular Sciences, 2021, 22, 6743.	1.8	21
10	The role of ethylene and abscisic acid in kiwifruit ripening during postharvest dehydration. Postharvest Biology and Technology, 2021, 178, 111559.	2.9	11
11	Kiwifruit Metabolomicsâ€”An Investigation of within Orchard Metabolite Variability of Two Cultivars of Actinidia chinensis. Metabolites, 2021, 11, 603.	1.3	2
12	The pharmacodynamic profile of â€œBlackadderâ€•blackcurrant juice effects upon the monoamine axis in humans: A randomised controlled trial. Nutritional Neuroscience, 2020, 23, 516-525.	1.5	9
13	Bioaminergic Responses in an In Vitro System Studying Human Gut Microbiotaâ€“Kiwifruit Interactions. Microorganisms, 2020, 8, 1582.	1.6	4
14	Cohort Profile: The Christchurch IBS cOhort to investigate Mechanisms FOr gut Relief and improved Transit (COMFORT). Inflammatory Intestinal Diseases, 2020, 5, 132-143.	0.8	7
15	Biosynthesis of the Dihydrochalcone Sweetener Trilobatin Requires Phloretin Glycosyltransferase2. Plant Physiology, 2020, 184, 738-752.	2.3	15
16	The proanthocyanin-related transcription factors MYBC1 and WRKY44 regulate branch points in the kiwifruit anthocyanin pathway. Scientific Reports, 2020, 10, 14161.	1.6	44
17	Phytohormone and Transcriptomic Analysis Reveals Endogenous Cytokinins Affect Kiwifruit Growth under Restricted Carbon Supply. Metabolites, 2020, 10, 23.	1.3	27
18	The Nutritional Composition and Health Benefits of Lincang Walnuts. Advanced in Food Technology and Nutritional Sciences - Open Journal, 2020, 6, 29-41.	0.9	0

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19	Timed consumption of a New Zealand blackcurrant juice support positive affective responses during a self-motivated moderate walking exercise in healthy sedentary adults. Journal of the International Society of Sports Nutrition, 2019, 16, 33.	1.7	14
20	Consumption of an Anthocyanin-Rich Extract Made From New Zealand Blackcurrants Prior to Exercise May Assist Recovery From Oxidative Stress and Maintains Circulating Neutrophil Function: A Pilot Study. Frontiers in Nutrition, 2019, 6, 73.	1.6	18
21	New Zealand Bitter Hops Extract Reduces Hunger During a 24 h Water Only Fast. Nutrients, 2019, 11, 2754.	1.7	10
22	Differential regulation of the anthocyanin profile in purple kiwifruit (Actinidia species). Horticulture Research, 2019, 6, 3.	2.9	94
23	Global Mid-Infrared Prediction Models Facilitate Simultaneous Analysis of Juice Composition from Berries of Actinidia, Ribes, Rubus and Vaccinium Species. Food Analytical Methods, 2018, 11, 3147-3160.	1.3	3
24	Silencing a phloretinâ€specific glycosyltransferase perturbs both general phenylpropanoid biosynthesis and plant development. Plant Journal, 2017, 91, 237-250.	2.8	52
25	Phytohormone and Putative Defense Gene Expression Differentiates the Response of â€˜Haywardâ€™ Kiwifruit to Psa and Pfm Infections. Frontiers in Plant Science, 2017, 8, 1366.	1.7	16
26	Arabidopsis AGAMOUS Regulates Sepal Senescence by Driving Jasmonate Production. Frontiers in Plant Science, 2017, 8, 2101.	1.7	20
27	Multifunctional oxidosqualene cyclases and cytochrome P450 involved in the biosynthesis of apple fruit triterpenic acids. New Phytologist, 2016, 211, 1279-1294.	3.5	66
28	A combined omics approach to evaluate the effects of dietary curcumin on colon inflammation in the Mdr1aâ€'/â€' mouse model of inflammatory bowel disease. Journal of Nutritional Biochemistry, 2016, 27, 181-192.	1.9	39
29	Sweet Poisons: Honeys Contaminated with Glycosides of the Neurotoxin Tutin. Journal of Natural Products, 2015, 78, 1363-1369.	1.5	25
30	Acute supplementation with blackcurrant extracts modulates cognitive functioning and inhibits monoamine oxidase-B in healthy young adults. Journal of Functional Foods, 2015, 17, 524-539.	1.6	71
31	JAK2 and AMP-kinase inhibition in vitro by food extracts, fractions and purified phytochemicals. Food and Function, 2015, 6, 304-311.	2.1	17
32	Manipulation of flavour and aroma compound sequestration and release using a glycosyltransferase with specificity for terpene alcohols. Plant Journal, 2014, 80, 317-330.	2.8	74
33	Hopâ€derived prenylflavonoids are substrates and inhibitors of the efflux transporter breast cancer resistance protein (<scp>BCRP</scp>/<scp>ABCG</scp>2). Molecular Nutrition and Food Research, 2014, 58, 2099-2110.	1.5	31
34	Metabolomics and Proteomics, and What to Do with All These â€˜Omes': Insights from Nutrigenomic Investigations in New Zealand. Journal of Nutrigenetics and Nutrigenomics, 2014, 7, 274-282.	1.8	10
35	Post-weaning selenium and folate supplementation affects gene and protein expression and global DNA methylation in mice fed high-fat diets. BMC Medical Genomics, 2013, 6, 7.	0.7	19
36	An enzyme activity capable of endotransglycosylation of heteroxylan polysaccharides is present in plant primary cell walls. Planta, 2013, 237, 173-187.	1.6	35

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37	Modulation of colonic inflammation in Mdr1aâˆ’/âˆ’ mice by green tea polyphenols and their effects on the colon transcriptome and proteome. Journal of Nutritional Biochemistry, 2013, 24, 1678-1690.	1.9	34
38	Unusual Immuno-Modulatory Triterpene-Caffeates in the Skins of Russeted Varieties of Apples and Pears. Journal of Agricultural and Food Chemistry, 2013, 61, 2773-2779.	2.4	38
39	The role of enoyl reductase genes in phloridzin biosynthesis in apple. Plant Physiology and Biochemistry, 2013, 72, 54-61.	2.8	19
40	Diversity and Relative Levels of Actinidin, Kiwellin, and Thaumatin-Like Allergens in 15 Varieties of Kiwifruit (Actinidia). Journal of Agricultural and Food Chemistry, 2013, 61, 728-739.	2.4	33
41	Effects of kiwifruit extracts on colonic gene and protein expression levels in IL-10 gene-deficient mice. British Journal of Nutrition, 2012, 108, 113-129.	1.2	24
42	Mapping, Complementation, and Targets of the Cysteine Protease Actinidin in Kiwifruit Â Â Â. Plant Physiology, 2012, 158, 376-388.	2.3	36
43	DAD2 Is an Î±/Î² Hydrolase Likely to Be Involved in the Perception of the Plant Branching Hormone, Strigolactone. Current Biology, 2012, 22, 2032-2036.	1.8	571
44	Proteomic Analysis of Colon Tissue from Interleukin-10 Gene-Deficient Mice Fed Polyunsaturated Fatty Acids with Comparison to Transcriptomic Analysis. Journal of Proteome Research, 2012, 11, 1065-1077.	1.8	28
45	Identification and characterisation of F3GT1 and F3GGT1, two glycosyltransferases responsible for anthocyanin biosynthesis in redâ€fleshed kiwifruit (Actinidia chinensis). Plant Journal, 2011, 65, 106-118.	2.8	164
46	Apple skin patterning is associated with differential expression of MYB10. BMC Plant Biology, 2011, 11, 93.	1.6	227
47	Dietary oleic acid as a control fatty acid for polyunsaturated fatty acid intervention studies: A transcriptomics and proteomics investigation using interleukinâ€10 geneâ€deficient mice. Biotechnology Journal, 2010, 5, 1226-1240.	1.8	17
48	Blueberry fruit polyphenolics suppress oxidative stressâ€induced skeletal muscle cell damage in vitro. Molecular Nutrition and Food Research, 2010, 54, 353-363.	1.5	59
49	Blackcurrant proanthocyanidins augment IFNâ€Î³â€induced suppression of ILâ€4 stimulated CCL26 secretion in alveolar epithelial cells. Molecular Nutrition and Food Research, 2010, 54, S159-70.	1.5	35
50	Structural identification of the main ellagitannins of a boysenberry (Rubus loganbaccusÃ—baileyanus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 1535-1543.	4.2	54
51	Molecular Characterization of the Onset and Progression of Colitis in Inoculated Interleukin-10 Gene-Deficient Mice: A Role for PPAR<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math>. PPAR Research, 2010, 2010, 1-18.	1.1	15
52	Colour development and quality of mangosteen (Garcinia mangostana L.) fruit during ripening and after harvest. Postharvest Biology and Technology, 2009, 51, 349-353.	2.9	94
53	A proteomic approach identifies early pregnancy biomarkers for preeclampsia: Novel linkages between a predisposition to preeclampsia and cardiovascular disease. Proteomics, 2009, 9, 2929-2945.	1.3	99
54	Environmental regulation of leaf colour in red 35S:PAP1 Arabidopsis thaliana. New Phytologist, 2009, 182, 102-115.	3.5	215

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55	Chemical composition andin vitroanti-inflammatory activity of apple phenolic extracts and of their sub-fractions. International Journal of Food Sciences and Nutrition, 2009, 60, 188-205.	1.3	24
56	Comparison of enzymically glucuronidated flavonoids with flavonoid aglycones in an in vitro cellular model of oxidative stress protection. In Vitro Cellular and Developmental Biology - Animal, 2008, 44, 73-80.	0.7	17
57	Isolation and characterization of a novel glycosyltransferase that converts phloretin to phlorizin, a potent antioxidant in apple. FEBS Journal, 2008, 275, 3804-3814.	2.2	90
58	Preparative Enzymatic Synthesis of Glucuronides of Zearalenone and Five of Its Metabolites. Journal of Agricultural and Food Chemistry, 2008, 56, 4032-4038.	2.4	26
59	Semisynthesis of S-Desoxybrevetoxin-B2 and Brevetoxin-B2, and Assessment of Their Acute Toxicities. Chemical Research in Toxicology, 2008, 21, 944-950.	1.7	25
60	Antifungal Saponins fromParis polyphyllaSmith. Planta Medica, 2008, 74, 1397-1402.	0.7	60
61	The missing step of the L-galactose pathway of ascorbate biosynthesis in plants, an L-galactose guanyltransferase, increases leaf ascorbate content. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9534-9539.	3.3	216
62	Comparison of the relative recovery of polyphenolics in two fruit extracts from a model of degradation during digestion and metabolism. Molecular Nutrition and Food Research, 2007, 51, 939-945.	1.5	6
63	Convenient Large-Scale Purification of Yessotoxin from Protoceratium reticulatum Culture and Isolation of a Novel Furanoyessotoxin. Journal of Agricultural and Food Chemistry, 2007, 55, 11093-11100.	2.4	30
64	Identification and characterisation of acidic and novel basic forms of actinidin, the highly abundant cysteine protease from kiwifruit. Functional Plant Biology, 2007, 34, 946.	1.1	58
65	Combinatorial enzymic synthesis for functional testing of phenolic acid esters catalysed by Candida antarctica lipase B (Novozym 435Â®). Enzyme and Microbial Technology, 2007, 40, 1078-1086.	1.6	35
66	Unusual features of a recombinant apple Î±-farnesene synthase. Phytochemistry, 2007, 68, 176-188.	1.4	70
67	Production of 7-epi-Pectenotoxin-2 Seco Acid and Assessment of Its Acute Toxicity to Mice. Journal of Agricultural and Food Chemistry, 2006, 54, 1530-1534.	2.4	36
68	Identification of Pectenotoxin-11 as 34S-Hydroxypectenotoxin-2, a New Pectenotoxin Analogue in the Toxic DinoflagellateDinophysis acutafrom New Zealand. Chemical Research in Toxicology, 2006, 19, 310-318.	1.7	55
69	Methylated polyphenols are poor â€œchemicalâ€•antioxidants but can still effectively protect cells from hydrogen peroxide-induced cytotoxicity. FEBS Letters, 2006, 580, 5247-5250.	1.3	23
70	Identification of 45-hydroxy-46,47-dinoryessotoxin, 44-oxo-45,46,47-trinoryessotoxin, and 9-methyl-42,43,44,45,46,47,55-heptanor-38-en-41-oxoyessotoxin, and partial characterization of some minor yessotoxins, from Protoceratium reticulatum. Toxicon, 2006, 47, 229-240.	0.8	25
71	Isolation of Yessotoxin 32-O-[Î²-l-arabinofuranosyl-(5â€²â†’1â€³)-Î²-l-arabinofuranoside] from Protoceratium reticulatum. Toxicon, 2006, 47, 510-516.	0.8	21
72	Isolation and identification of pectenotoxins-13 and -14 from Dinophysis acuta in New Zealand. Toxicon, 2006, 48, 152-159.	0.8	47

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73	Isolation and identification of a cis-C8-diol-ester of okadaic acid from Dinophysis acuta in New Zealand. Toxicon, 2006, 48, 195-203.	0.8	36
74	Direct acylation of flavonoid glycosides with phenolic acids catalysed by Candida antarctica lipase B (Novozym 435Â®). Enzyme and Microbial Technology, 2006, 39, 1236-1241.	1.6	101
75	Synthesis of deuterated dihydrochalcones. Journal of Labelled Compounds and Radiopharmaceuticals, 2006, 49, 479-487.	0.5	0
76	Peripherally administered desacetyl Î±-MSH and Î±-MSH both influence postnatal rat growth and associated rat hypothalamic protein expression. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E1372-E1380.	1.8	2
77	Polyhydroxylated amide analogs of yessotoxin from Protoceratium reticulatum. Toxicon, 2005, 45, 61-71.	0.8	52
78	Isolation and identification of (44-R,S)-44,55-dihydroxyyessotoxin from Protoceratium reticulatum, and its occurrence in extracts of shellfish from New Zealand, Norway and Canada. Toxicon, 2005, 46, 160-170.	0.8	42
79	Evidence for numerous analogs of yessotoxin in Protoceratium reticulatum. Harmful Algae, 2005, 4, 1075-1091.	2.2	99
80	A highly specific L-galactose-1-phosphate phosphatase on the path to ascorbate biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16976-16981.	3.3	134
81	Planteose is a short-term storage carbohydrate in Actinidia leaves. Functional Plant Biology, 2004, 31, 1205.	1.1	16
82	LC-MS identification of anthocyanins in boysenberry extract and anthocyanin metabolites in human urine following dosing. Journal of the Science of Food and Agriculture, 2004, 84, 237-245.	1.7	62
83	A Novel Pectenotoxin, PTX-12, in Dinophysis Spp. and Shellfish from Norway. Chemical Research in Toxicology, 2004, 17, 1423-1433.	1.7	101
84	Isolation of 41a-Homoyessotoxin and the Identification of 9-Methyl-41a-homoyessotoxin and Nor-ring A-yessotoxin from Protoceratium reticulatum. Chemical Research in Toxicology, 2004, 17, 1414-1422.	1.7	32
85	Isolation of pectenotoxin-2 from Dinophysis acuta and its conversion to pectenotoxin-2 seco acid, and preliminary assessment of their acute toxicities. Toxicon, 2004, 43, 1-9.	0.8	193
86	Anthocyanin Glycosides from Berry Fruit Are Absorbed and Excreted Unmetabolized by Both Humans and Rats. Journal of Agricultural and Food Chemistry, 2003, 51, 4539-4548.	2.4	247
87	Systemic acquired resistance to Sclerotinia sclerotiorum in kiwifruit vines. Physiological and Molecular Plant Pathology, 2001, 58, 111-118.	1.3	15
88	Impact of Competitive Fungi on Trichothecene Production byFusariumgraminearum. Journal of Agricultural and Food Chemistry, 2001, 49, 522-526.	2.4	102
89	Regioisomeric preferences in the orthomanganation of meta-substituted acetophenones and isopropyl benzoates, and application of iodo-demanganation with iodine chloride to the synthesis of 2-iodo-3-O-substituted and other ortho-iodo arylcarbonyl compounds. Journal of Organometallic Chemistry, 2001, 634, 157-166.	0.8	9
90	Molecular imprinting of a small substituted phenol of biological importance. Analytica Chimica Acta, 2001, 435, 49-55.	2.6	19

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91	Biotransformation of the Trichoderma metabolite 6-n-pentyl-2H-pyran-2-one by cell suspension cultures of Pinus radiata. Phytochemistry, 2000, 53, 447-450.	1.4	8
92	Biotransformation of theTrichodermaMetabolite 6-n-Pentyl-2H-pyran-2-one (6PAP) by Selected Fungal Isolates. Journal of Natural Products, 1999, 62, 681-683.	1.5	27
93	Production of [14C]-6-Pentyl-2-pyrone in Liquid Cultures ofTrichodermaharzianum. Journal of Agricultural and Food Chemistry, 1998, 46, 3747-3749.	2.4	5
94	Microbial Transformation of the Trichoderma Metabolite 6-n-Pentyl-2H-pyran-2-one. Journal of Natural Products, 1997, 60, 1242-1244.	1.5	20
95	Reactions of orthomanganated aryl ketones with SO2: synthesis and structural characterisation of a novel six-membered metallocyclic ring and a new route to aryl sulfonates. Journal of Organometallic Chemistry, 1996, 515, 109-118.	0.8	26
96	Reactions of orthomanganated aryl ketones with PhNSO and related species: a new route to orthomanganated imines. Journal of Organometallic Chemistry, 1996, 516, 191-197.	0.8	13
97	Ortho-manganated arenes in synthesis. Journal of Organometallic Chemistry, 1988, 349, 197-207.	0.8	53
98	Orthomanganated arenes in synthesis. Journal of Organometallic Chemistry, 1987, 336, 293-298.	0.8	21