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	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
2	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
3	Apple skin patterning is associated with differential expression of MYB10. BMC Plant Biology, 2011, 11, 93.	1.6	227
4	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
5	Environmental regulation of leaf colour in red 35S:PAP1 Arabidopsis thaliana. New Phytologist, 2009, 182, 102-115.	3.5	215
6	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
7	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
8	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
9	Impact of Competitive Fungi on Trichothecene Production byFusariumgraminearum. Journal of Agricultural and Food Chemistry, 2001, 49, 522-526.	2.4	102
10	A Novel Pectenotoxin, PTX-12, in Dinophysis Spp. and Shellfish from Norway. Chemical Research in Toxicology, 2004, 17, 1423-1433.	1.7	101
11	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
12	Evidence for numerous analogs of yessotoxin in Protoceratium reticulatum. Harmful Algae, 2005, 4, 1075-1091.	2.2	99
13	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
14	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
15	Differential regulation of the anthocyanin profile in purple kiwifruit (Actinidia species). Horticulture Research, 2019, 6, 3.	2.9	94
16	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
17	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
18	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

#	Article	IF	Citations
19	Unusual features of a recombinant apple Î±-farnesene synthase. Phytochemistry, 2007, 68, 176-188.	1.4	70
20	Multifunctional oxidosqualene cyclases and cytochrome P450 involved in the biosynthesis of apple fruit triterpenic acids. New Phytologist, 2016, 211, 1279-1294.	3.5	66
21	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
22	Antifungal Saponins fromParis polyphyllaSmith. Planta Medica, 2008, 74, 1397-1402.	0.7	60
23	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
24	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
25	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
26	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
27	Ortho-manganated arenes in synthesis. Journal of Organometallic Chemistry, 1988, 349, 197-207.	0.8	53
28	Polyhydroxylated amide analogs of yessotoxin from Protoceratium reticulatum. Toxicon, 2005, 45, 61-71.	0.8	52
29	Silencing a phloretinâ€specific glycosyltransferase perturbs both general phenylpropanoid biosynthesis and plant development. Plant Journal, 2017, 91, 237-250.	2.8	52
30	Isolation and identification of pectenotoxins-13 and -14 from Dinophysis acuta in New Zealand. Toxicon, 2006, 48, 152-159.	0.8	47
31	The proanthocyanin-related transcription factors MYBC1 and WRKY44 regulate branch points in the kiwifruit anthocyanin pathway. Scientific Reports, 2020, 10, 14161.	1.6	44
32	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
33	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
34	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
35	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
36	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

#	Article	IF	Citations
37	Mapping, Complementation, and Targets of the Cysteine Protease Actinidin in Kiwifruit Â Â Â. Plant Physiology, 2012, 158, 376-388.	2.3	36
38	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
39	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
40	An enzyme activity capable of endotransglycosylation of heteroxylan polysaccharides is present in plant primary cell walls. Planta, 2013, 237, 173-187.	1.6	35
41	Modulation of colonic inflammation in Mdr1aâ^'/â^' 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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	Phytohormone and Transcriptomic Analysis Reveals Endogenous Cytokinins Affect Kiwifruit Growth under Restricted Carbon Supply. Metabolites, 2020, 10, 23.	1.3	27
50	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
51	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
52	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
53	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
54	Sweet Poisons: Honeys Contaminated with Glycosides of the Neurotoxin Tutin. Journal of Natural Products, 2015, 78, 1363-1369.	1.5	25

#	Article	IF	Citations
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	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
57	RNAi-mediated repression of dormancy-related genes results in evergrowing apple trees. Tree Physiology, 2021, 41, 1510-1523.	1.4	24
58	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
59	Orthomanganated arenes in synthesis. Journal of Organometallic Chemistry, 1987, 336, 293-298.	0.8	21
60	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
61	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
62	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
63	Microbial Transformation of the Trichoderma Metabolite 6-n-Pentyl-2H-pyran-2-one. Journal of Natural Products, 1997, 60, 1242-1244.	1.5	20
64	Arabidopsis AGAMOUS Regulates Sepal Senescence by Driving Jasmonate Production. Frontiers in Plant Science, 2017, 8, 2101.	1.7	20
65	Molecular imprinting of a small substituted phenol of biological importance. Analytica Chimica Acta, 2001, 435, 49-55.	2.6	19
66	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
67	The role of enoyl reductase genes in phloridzin biosynthesis in apple. Plant Physiology and Biochemistry, 2013, 72, 54-61.	2.8	19
68	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
69	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
70	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
71	JAK2 and AMP-kinase inhibition in vitro by food extracts, fractions and purified phytochemicals. Food and Function, 2015, 6, 304-311.	2.1	17
72	Planteose is a short-term storage carbohydrate in Actinidia leaves. Functional Plant Biology, 2004, 31, 1205.	1.1	16

#	Article	IF	Citations
73	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
74	Systemic acquired resistance to Sclerotinia sclerotiorum in kiwifruit vines. Physiological and Molecular Plant Pathology, 2001, 58, 111-118.	1.3	15
75	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
76	Biosynthesis of the Dihydrochalcone Sweetener Trilobatin Requires Phloretin Glycosyltransferase2. Plant Physiology, 2020, 184, 738-752.	2.3	15
77	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
78	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
79	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
80	The role of ethylene and abscisic acid in kiwifruit ripening during postharvest dehydration. Postharvest Biology and Technology, 2021, 178, 111559.	2.9	11
81	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
82	New Zealand Bitter Hops Extract Reduces Hunger During a 24 h Water Only Fast. Nutrients, 2019, 11, 2754.	1.7	10
83	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
84	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
85	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
86	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
87	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
88	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
89	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
90	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

#	Article	IF	Citations
91	Production of [14C]-6-Pentyl-2-pyrone in Liquid Cultures ofTrichodermaharzianum. Journal of Agricultural and Food Chemistry, 1998, 46, 3747-3749.	2.4	5
92	Defence Responses Associated with Elicitor-Induced, Cultivar-Associated Resistance to Latania Scale in Kiwifruit. Plants, 2022, 11, 10.	1.6	5
93	Bioaminergic Responses in an In Vitro System Studying Human Gut Microbiotaâ€“Kiwifruit Interactions. Microorganisms, 2020, 8, 1582.	1.6	4
94	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
95	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
96	Kiwifruit Metabolomicsâ€”An Investigation of within Orchard Metabolite Variability of Two Cultivars of Actinidia chinensis. Metabolites, 2021, 11, 603.	1.3	2
97	Synthesis of deuterated dihydrochalcones. Journal of Labelled Compounds and Radiopharmaceuticals, 2006, 49, 479-487.	0.5	0
98	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