

Sean M Bulley

List of Publications by Year in descending order

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29
papers

2,296
citations

331670

21
h-index

501196

28
g-index

31
all docs

31
docs citations

31
times ranked

2105
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene expression studies in kiwifruit and gene over-expression in Arabidopsis indicates that GDP-L-galactose guanyltransferase is a major control point of vitamin C biosynthesis. <i>Journal of Experimental Botany</i> , 2009, 60, 765-778.	4.8	245
2	The missing step of the L-galactose pathway of ascorbate biosynthesis in plants, an L-galactose guanyltransferase, increases leaf ascorbate content. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9534-9539.	7.1	216
3	Enhancing ascorbate in fruits and tubers through over-expression of the L-galactose pathway gene GDP-L-galactose phosphorylase. <i>Plant Biotechnology Journal</i> , 2012, 10, 390-397.	8.3	199
4	An Upstream Open Reading Frame Is Essential for Feedback Regulation of Ascorbate Biosynthesis in Arabidopsis. <i>Plant Cell</i> , 2015, 27, 772-786.	6.6	192
5	Analysis of expressed sequence tags from Actinidia: applications of a cross species EST database for gene discovery in the areas of flavor, health, color and ripening. <i>BMC Genomics</i> , 2008, 9, 351.	2.8	178
6	A manually annotated Actinidia chinensis var. chinensis (kiwifruit) genome highlights the challenges associated with draft genomes and gene prediction in plants. <i>BMC Genomics</i> , 2018, 19, 257.	2.8	167
7	The regulation of ascorbate biosynthesis. <i>Current Opinion in Plant Biology</i> , 2016, 33, 15-22.	7.1	141
8	A highly specific L-galactose-1-phosphate phosphatase on the path to ascorbate biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16976-16981.	7.1	134
9	The role of cytokinins in shoot organogenesis in apple. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 101, 251-267.	2.3	126
10	High growing temperatures reduce fruit carbohydrate and vitamin C in kiwifruit. <i>Plant, Cell and Environment</i> , 2004, 27, 423-435.	5.7	118
11	Component-resolved diagnosis of kiwifruit allergy with purified natural and recombinant kiwifruit allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 687-694.e1.	2.9	95
12	Increasing ascorbate levels in crops to enhance human nutrition and plant abiotic stress tolerance. <i>Current Opinion in Biotechnology</i> , 2017, 44, 153-160.	6.6	72
13	Modification of gibberellin biosynthesis in the grafted apple scion allows control of tree height independent of the rootstock. <i>Plant Biotechnology Journal</i> , 2005, 3, 215-223.	8.3	57
14	Characterisation of Mal d 1-related genes in Malus. <i>Plant Molecular Biology</i> , 2004, 55, 369-388.	3.9	56
15	Kiwifruit MYBS1-like and GBF3 transcription factors influence L-ascorbic acid biosynthesis by activating transcription of GDP-L-galactose phosphorylase 3. <i>New Phytologist</i> , 2022, 234, 1782-1800.	7.3	46
16	Kiwifruit L-galactose dehydrogenase: molecular, biochemical and physiological aspects of the enzyme. <i>Functional Plant Biology</i> , 2004, 31, 1015.	2.1	33
17	Diversity and Relative Levels of Actinidin, Kiwellin, and Thaumatin-Like Allergens in 15 Varieties of Kiwifruit (<i>Actinidia</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 728-739.	5.2	33
18	Differences in the allergenicity of 6 different kiwifruit cultivars analyzed by prick-to-prick testing, open food challenges, and ELISA. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 677-679.e2.	2.9	31

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19	Enhanced ascorbate level improves multi-stress tolerance in a widely grown indica rice variety without compromising its agronomic characteristics. <i>Journal of Plant Physiology</i> , 2019, 240, 152998.	3.5	28
20	Investigation of ascorbate metabolism during inducement of storage disorders in pear. <i>Physiologia Plantarum</i> , 2013, 147, 121-134.	5.2	26
21	Characterization of Bet v 1-related allergens from kiwifruit relevant for patients with combined kiwifruit and birch pollen allergy. <i>Molecular Nutrition and Food Research</i> , 2008, 52 Suppl 2, NA-NA.	3.3	23
22	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. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6743.	4.1	21
23	A review of current knowledge about the formation of native peridermal exocarp in fruit. <i>Functional Plant Biology</i> , 2020, 47, 1019.	2.1	14
24	OXALATE AND ASCORBATE IN ACTINIDIA FRUIT AND LEAVES. <i>Acta Horticulturae</i> , 2007, , 479-485.	0.2	13
25	Peridermal fruit skin formation in Actinidia sp. (kiwifruit) is associated with genetic loci controlling russeting and cuticle formation. <i>BMC Plant Biology</i> , 2021, 21, 334.	3.6	9
26	Molecular Characterisation of a Supergene Conditioning Super-High Vitamin C in Kiwifruit Hybrids. <i>Plants</i> , 2019, 8, 237.	3.5	7
27	Ascorbic Acid-Related Genes. <i>Compendium of Plant Genomes</i> , 2016, , 163-177.	0.5	4
28	The Kiwifruit Allergome. <i>Compendium of Plant Genomes</i> , 2016, , 219-235.	0.5	4
29	Bet v 1 homologous proteins in kiwi fruit- relevant allergens?. <i>World Allergy Organization Journal</i> , 2007, &NA;, S286.	3.5	0