

# 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  
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31  
docs citations

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times ranked

2105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kiwifruit MYBS1-like and GBF3 transcription factors influence ascorbic acid biosynthesis by activating transcription of GDP-galactose phosphorylase 3. <i>New Phytologist</i> , 2022, 234, 1782-1800.	7.3	46
2	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
3	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
4	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
5	Molecular Characterisation of a Supergene Conditioning Super-High Vitamin C in Kiwifruit Hybrids. <i>Plants</i> , 2019, 8, 237.	3.5	7
6	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
7	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
8	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
9	Ascorbic Acid-Related Genes. <i>Compendium of Plant Genomes</i> , 2016, , 163-177.	0.5	4
10	The regulation of ascorbate biosynthesis. <i>Current Opinion in Plant Biology</i> , 2016, 33, 15-22.	7.1	141
11	The Kiwifruit Allergome. <i>Compendium of Plant Genomes</i> , 2016, , 219-235.	0.5	4
12	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
13	Investigation of ascorbate metabolism during inducement of storage disorders in pear. <i>Physiologia Plantarum</i> , 2013, 147, 121-134.	5.2	26
14	Diversity and Relative Levels of Actinidin, Kiwelin, 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
15	Enhancing ascorbate in fruits and tubers through overexpression of the galactose pathway gene GDP-galactose phosphorylase. <i>Plant Biotechnology Journal</i> , 2012, 10, 390-397.	8.3	199
16	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
17	The role of cytokinins in shoot organogenesis in apple. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 101, 251-267.	2.3	126
18	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

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19	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
20	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
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	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
23	Bet v 1 homologous proteins in kiwi fruit- relevant allergens?. <i>World Allergy Organization Journal</i> , 2007, &NA;, S286.	3.5	0
24	OXALATE AND ASCORBATE IN ACTINIDIA FRUIT AND LEAVES. <i>Acta Horticulturae</i> , 2007, , 479-485.	0.2	13
25	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
26	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
27	High growing temperatures reduce fruit carbohydrate and vitamin C in kiwifruit. <i>Plant, Cell and Environment</i> , 2004, 27, 423-435.	5.7	118
28	Characterisation of Mal d 1-related genes in Malus. <i>Plant Molecular Biology</i> , 2004, 55, 369-388.	3.9	56
29	Kiwifruit L-galactose dehydrogenase: molecular, biochemical and physiological aspects of the enzyme. <i>Functional Plant Biology</i> , 2004, 31, 1015.	2.1	33