Christopher S Winefield

List of Publications by Year
in descending order

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43	2,911	361413	302126
papers	citations	20 h-index	39 g-index

45	45	45	3579
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A PARTHENOGENESIS allele from apomictic dandelion can induce egg cell division without fertilization in lettuce. Nature Genetics, 2022, 54, 84-93.	21.4	56
2	Comprehensive analysis of both long and short read transcriptomes of a clonal and a seed-propagated model species reveal the prerequisites for transcriptional activation of autonomous and non-autonomous transposons in plants. Mobile DNA, 2022, 13, 16.	3.6	0
3	Elevated transcription of transposable elements is accompanied by het-siRNA-driven de novo DNA methylation in grapevine embryogenic callus. BMC Genomics, 2021, 22, 676.	2.8	4
4	Tools and Strategies for Long-Read Sequencing and De Novo Assembly of Plant Genomes. Trends in Plant Science, 2019, 24, 700-724.	8.8	80
5	Genetic parameters for fruit mineral content in an interspecific pear (Pyrusspp.) population. New Zealand Journal of Crop and Horticultural Science, 2019, 47, 125-141.	1.3	4
6	Functional Characterization of the Grapevine Î³-Glutamyl Transferase/Transpeptidase (E.C. 2.3.2.2) Gene Family Reveals a Single Functional Gene Whose Encoded Protein Product Is Not Located in Either the Vacuole or Apoplast. Frontiers in Plant Science, 2019, 10, 1402.	3.6	4
7	Identification and functional characterisation of an allene oxide synthase from grapevine (Vitis) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.3	21
8	Intraspecific differences in long-term drought tolerance in perennial ryegrass. PLoS ONE, 2018, 13, e0194977.	2.5	28
9	The Apoplastic Secretome of Trichoderma virens During Interaction With Maize Roots Shows an Inhibition of Plant Defence and Scavenging Oxidative Stress Secreted Proteins. Frontiers in Plant Science, 2018, 9, 409.	3.6	122
10	Comparisons of controlled environment and vineyard experiments in Sauvignon blanc grapes reveal similar UV-B signal transduction pathways for flavonol biosynthesis. Plant Science, 2018, 276, 44-53.	3.6	13
11	Pre-budburst temperature influences the inner and outer arm morphology, phenology, flower number, fruitset, TSS accumulation and variability of Vitis vinifera L. Sauvignon Blanc bunches. Australian Journal of Grape and Wine Research, 2017, 23, 280-286.	2.1	14
12	Amino acid metabolism and accumulation in â€˜Sauvignon Blancâ€™ grapes â€“ investigating berry composition in response to canopy manipulation. Acta Horticulturae, 2017, , 9-14.	0.2	3
13	Identification of suitable grapevine reference genes for qRT-PCR derived from heterologous species. Molecular Genetics and Genomics, 2016, 291, 483-492.	2.1	24
14	The addition of an organosilicone surfactant to Agrobacterium suspensions enables efficient transient transformation of in vitro grapevine leaf tissue at ambient pressure. Plant Cell, Tissue and Organ Culture, 2015, 120, 607-615.	2.3	16
15	Effects of shoot girdling and/or periodic leaf removal on inflorescence primordia initiation and development inVitis viniferaâ€¦L. cv. Sauvignon Blanc. Australian Journal of Grape and Wine Research, 2015, 21, 118-122.	2.1	6
16	From <scp>UVR</scp>8 to flavonol synthase: <scp>UV</scp>â€<scp>B</scp>â€induced gene expression in <scp>S</scp>auvignon blanc grape berry. Plant, Cell and Environment, 2015, 38, 905-919.	5.7	109
17	Effect of pruning system, cane size and season on inflorescence primordia initiation and inflorescence architecture ofVitis viniferaâ€¦L. Sauvignon Blanc. Australian Journal of Grape and Wine Research, 2014, 20, 459-464.	2.1	20
18	The effects of cane girdling before budbreak on shoot growth, leaf area and carbohydrate content of Vitis vinifera L. Sauvignon Blanc grapevines. Functional Plant Biology, 2013, 40, 749.	2.1	17

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19	GENETIC PARAMETERS ASSOCIATED WITH YIELD AND YIELD COMPONENTS IN RED RASPBERRY. Acta Horticulturae, 2012, , 37-42.	0.2	3
20	Effects of solar ultraviolet radiation and canopy manipulation on the biochemical composition of Sauvignon Blanc grapes. Australian Journal of Grape and Wine Research, 2012, 18, 227-238.	2.1	91
21	Genetic Parameters and Breeding for Yield in Red Raspberry. Journal of the American Society for Horticultural Science, 2012, 137, 229-235.	1.0	19
22	Genetic Parameters and Development of a Selection Index for Breeding Red Raspberries for Processing. Journal of the American Society for Horticultural Science, 2012, 137, 236-242.	1.0	9
23	A Method for Breeding New Cultivars of Machine-harvested Raspberries with High Yield. Journal of the American Society for Horticultural Science, 2012, 137, 458-464.	1.0	2
24	Methanotroph abundance not affected by applications of animal urine and a nitrification inhibitor, dicyandiamide, in six grazed grassland soils. Journal of Soils and Sediments, 2011, 11, 432-439.	3.0	15
25	Nitrous oxide emissions from grazed grassland as affected by a nitrification inhibitor, dicyandiamide, and relationships with ammonia-oxidizing bacteria and archaea. Journal of Soils and Sediments, 2010, 10, 943-954.	3.0	122
26	Ammonia-oxidizing bacteria and archaea grow under contrasting soil nitrogen conditions. FEMS Microbiology Ecology, 2010, 72, 386-394.	2.7	419
27	Identification of the lipoxygenase gene family from Vitis vinifera and biochemical characterisation of two 13-lipoxygenases expressed in grape berries of Sauvignon Blanc. Functional Plant Biology, 2010, 37, 767.	2.1	126
28	Population Dynamics of Ammonia Oxidizing Bacteria and Archaea and Relationships with Nitrification Rate in New Zealand Grazed Grassland Soils. , 2010, , 72-74.		0
29	Waveband-dependence of UV effects on grape quality in New Zealand. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 153, S202-S203.	1.8	0
30	Nitrification driven by bacteria and not archaea in nitrogen-rich grassland soils. Nature Geoscience, 2009, 2, 621-624.	12.9	735
31	A lysimeter study of nitrate leaching from grazed grassland as affected by a nitrification inhibitor, dicyandiamide, and relationships with ammonia oxidizing bacteria and archaea. Soil Use and Management, 2009, 25, 454-461.	4.9	66
32	Altering expression of the flavonoid 3â€²-hydroxylase gene modified flavonol ratios and pollen germination in transgenic Mitchell petunia plants. Functional Plant Biology, 2006, 33, 1141.	2.1	6
33	Characterisation of aurone biosynthesis in Antirrhinum majus. Physiologia Plantarum, 2006, 128, 593-603.	5.2	24
34	Biotechnology of floral development.. , 2006, , 237-266.		2
35	Investigation of the biosynthesis of 3-deoxyanthocyanins inSinningia cardinalis. Physiologia Plantarum, 2005, 124, 419-430.	5.2	49
36	Transgenic regal pelargoniums that express the rolC gene from Agrobacterium rhizogenes exhibit a dwarf floral and vegetative phenotype. In Vitro Cellular and Developmental Biology - Plant, 2004, 40, 46-50.	2.1	20

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37	The final steps in anthocyanin formation: A story of modification and sequestration. Advances in Botanical Research, 2002, 37, 55-74.	1.1	13
38	Flavonoid gene expression and UV photoprotection in transgenic and mutant Petunia leaves. Phytochemistry, 2002, 59, 23-32.	2.9	250
39	Flavonoids and UV Photoprotection in Arabidopsis Mutants. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2001, 56, 745-754.	1.4	112
40	Anthocyanic vacuolar inclusionsÂâ€" their nature and significance in flower colouration. Phytochemistry, 2000, 55, 327-336.	2.9	191
41	Title is missing!. Molecular Breeding, 1999, 5, 543-551.	2.1	36
42	Genetic transformation of regal pelargonium (Pelargonium Xdomesticum â€˜Dubonnetâ€™) by Agrobacterium tumefaciens. Plant Science, 1996, 121, 47-61.	3.6	22
43	Evolutionary analysis of aspartate aminotransferases. Journal of Molecular Evolution, 1995, 40, 455-463.	1.8	34