

Christopher S Winefield

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,911
citations

361413

20
h-index

302126

39
g-index

45
all docs

45
docs citations

45
times ranked

3579
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrification driven by bacteria and not archaea in nitrogen-rich grassland soils. <i>Nature Geoscience</i> , 2009, 2, 621-624.	12.9	735
2	Ammonia-oxidizing bacteria and archaea grow under contrasting soil nitrogen conditions. <i>FEMS Microbiology Ecology</i> , 2010, 72, 386-394.	2.7	419
3	Flavonoid gene expression and UV photoprotection in transgenic and mutant <i>Petunia</i> leaves. <i>Phytochemistry</i> , 2002, 59, 23-32.	2.9	250
4	Anthocyanic vacuolar inclusions – their nature and significance in flower colouration. <i>Phytochemistry</i> , 2000, 55, 327-336.	2.9	191
5	Identification of the lipoxygenase gene family from <i>Vitis vinifera</i> and biochemical characterisation of two 13-lipoxygenases expressed in grape berries of Sauvignon Blanc. <i>Functional Plant Biology</i> , 2010, 37, 767.	2.1	126
6	Nitrous oxide emissions from grazed grassland as affected by a nitrification inhibitor, dicyandiamide, and relationships with ammonia-oxidizing bacteria and archaea. <i>Journal of Soils and Sediments</i> , 2010, 10, 943-954.	3.0	122
7	The Apoplastic Secretome of <i>Trichoderma virens</i> During Interaction With Maize Roots Shows an Inhibition of Plant Defence and Scavenging Oxidative Stress Secreted Proteins. <i>Frontiers in Plant Science</i> , 2018, 9, 409.	3.6	122
8	Flavonoids and UV Photoprotection in <i>Arabidopsis</i> Mutants. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 745-754.	1.4	112
9	From UVR ₈ to flavonol synthase: UV-B-induced gene expression in Sauvignon blanc grape berry. <i>Plant, Cell and Environment</i> , 2015, 38, 905-919.	5.7	109
10	Effects of solar ultraviolet radiation and canopy manipulation on the biochemical composition of Sauvignon Blanc grapes. <i>Australian Journal of Grape and Wine Research</i> , 2012, 18, 227-238.	2.1	91
11	Tools and Strategies for Long-Read Sequencing and De Novo Assembly of Plant Genomes. <i>Trends in Plant Science</i> , 2019, 24, 700-724.	8.8	80
12	A lysimeter study of nitrate leaching from grazed grassland as affected by a nitrification inhibitor, dicyandiamide, and relationships with ammonia oxidizing bacteria and archaea. <i>Soil Use and Management</i> , 2009, 25, 454-461.	4.9	66
13	A PARTHENOGENESIS allele from apomictic dandelion can induce egg cell division without fertilization in lettuce. <i>Nature Genetics</i> , 2022, 54, 84-93.	21.4	56
14	Investigation of the biosynthesis of 3-deoxyanthocyanins in <i>Sinningia cardinalis</i> . <i>Physiologia Plantarum</i> , 2005, 124, 419-430.	5.2	49
15	Title is missing!. <i>Molecular Breeding</i> , 1999, 5, 543-551.	2.1	36
16	Evolutionary analysis of aspartate aminotransferases. <i>Journal of Molecular Evolution</i> , 1995, 40, 455-463.	1.8	34
17	Intraspecific differences in long-term drought tolerance in perennial ryegrass. <i>PLoS ONE</i> , 2018, 13, e0194977.	2.5	28
18	Characterisation of aurone biosynthesis in <i>Antirrhinum majus</i> . <i>Physiologia Plantarum</i> , 2006, 128, 593-603.	5.2	24

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19	Identification of suitable grapevine reference genes for qRT-PCR derived from heterologous species. <i>Molecular Genetics and Genomics</i> , 2016, 291, 483-492.	2.1	24
20	Genetic transformation of regal pelargonium (<i>Pelargonium X domesticum</i> "Dubonnet"™) by <i>Agrobacterium tumefaciens</i> . <i>Plant Science</i> , 1996, 121, 47-61.	3.6	22
21	Identification and functional characterisation of an allene oxide synthase from grapevine (<i>Vitis</i>) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	2.3	21
22	Transgenic regal pelargoniums that express the rolC gene from <i>Agrobacterium rhizogenes</i> exhibit a dwarf floral and vegetative phenotype. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2004, 40, 46-50.	2.1	20
23	Effect of pruning system, cane size and season on inflorescence primordia initiation and inflorescence architecture of <i>Vitis vinifera</i> L. Sauvignon Blanc. <i>Australian Journal of Grape and Wine Research</i> , 2014, 20, 459-464.	2.1	20
24	Genetic Parameters and Breeding for Yield in Red Raspberry. <i>Journal of the American Society for Horticultural Science</i> , 2012, 137, 229-235.	1.0	19
25	The effects of cane girdling before budbreak on shoot growth, leaf area and carbohydrate content of <i>Vitis vinifera</i> L. Sauvignon Blanc grapevines. <i>Functional Plant Biology</i> , 2013, 40, 749.	2.1	17
26	The addition of an organosilicone surfactant to <i>Agrobacterium</i> suspensions enables efficient transient transformation of in vitro grapevine leaf tissue at ambient pressure. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 607-615.	2.3	16
27	Methanotroph abundance not affected by applications of animal urine and a nitrification inhibitor, dicyandiamide, in six grazed grassland soils. <i>Journal of Soils and Sediments</i> , 2011, 11, 432-439.	3.0	15
28	Pre-budburst temperature influences the inner and outer arm morphology, phenology, flower number, fruitset, TSS accumulation and variability of <i>Vitis vinifera</i> L. Sauvignon Blanc bunches. <i>Australian Journal of Grape and Wine Research</i> , 2017, 23, 280-286.	2.1	14
29	The final steps in anthocyanin formation: A story of modification and sequestration. <i>Advances in Botanical Research</i> , 2002, 37, 55-74.	1.1	13
30	Comparisons of controlled environment and vineyard experiments in Sauvignon blanc grapes reveal similar UV-B signal transduction pathways for flavonol biosynthesis. <i>Plant Science</i> , 2018, 276, 44-53.	3.6	13
31	Genetic Parameters and Development of a Selection Index for Breeding Red Raspberries for Processing. <i>Journal of the American Society for Horticultural Science</i> , 2012, 137, 236-242.	1.0	9
32	Altering expression of the flavonoid 3-hydroxylase gene modified flavonol ratios and pollen germination in transgenic Mitchell petunia plants. <i>Functional Plant Biology</i> , 2006, 33, 1141.	2.1	6
33	Effects of shoot girdling and/or periodic leaf removal on inflorescence primordia initiation and development in <i>Vitis vinifera</i> L. cv. Sauvignon Blanc. <i>Australian Journal of Grape and Wine Research</i> , 2015, 21, 118-122.	2.1	6
34	Genetic parameters for fruit mineral content in an interspecific pear (<i>Pyrus</i> spp.) population. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2019, 47, 125-141.	1.3	4
35	Functional Characterization of the Grapevine β -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. <i>Frontiers in Plant Science</i> , 2019, 10, 1402.	3.6	4
36	Elevated transcription of transposable elements is accompanied by het-siRNA-driven de novo DNA methylation in grapevine embryogenic callus. <i>BMC Genomics</i> , 2021, 22, 676.	2.8	4

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37	GENETIC PARAMETERS ASSOCIATED WITH YIELD AND YIELD COMPONENTS IN RED RASPBERRY. <i>Acta Horticulturae</i> , 2012, , 37-42.	0.2	3
38	Amino acid metabolism and accumulation in “Sauvignon Blanc” grapes investigating berry composition in response to canopy manipulation. <i>Acta Horticulturae</i> , 2017, , 9-14.	0.2	3
39	A Method for Breeding New Cultivars of Machine-harvested Raspberries with High Yield. <i>Journal of the American Society for Horticultural Science</i> , 2012, 137, 458-464.	1.0	2
40	Biotechnology of floral development.. , 2006, , 237-266.		2
41	Waveband-dependence of UV effects on grape quality in New Zealand. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 153, S202-S203.	1.8	0
42	Population Dynamics of Ammonia Oxidizing Bacteria and Archaea and Relationships with Nitrification Rate in New Zealand Grazed Grassland Soils. , 2010, , 72-74.		0
43	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. <i>Mobile DNA</i> , 2022, 13, 16.	3.6	0