Carolyn J Schultz

List of Publications by Year
in descending order

28 papers	2,579 citations	471371 17 h-index	526166 27 g-index
29 all docs	29 docs citations	29 times ranked	2703 citing authors

#	Article	IF	Citations
1	A targeted bioinformatics approach identifies highly variable cell surface proteins that are unique to Glomeromycotina. Mycorrhiza, 2022, 32, 45-66.	1.3	3
2	Analysis of Genetic Diversity in the Traditional Chinese Medicine Plant â€˜Kushenâ€™ (Sophora flavescens) Tj ETQq0 0 0 rgBT /Overlock	1.7	2
3	Consumer and health-related traits of seed from selected commercial and breeding lines of industrial hemp, Cannabis sativa L.. Journal of Agriculture and Food Research, 2020, 2, 100025.	1.2	34
4	Genic simple sequence repeat markers for measuring genetic diversity in a native food crop: a case study of Australian Kunzea pomifera F.Muell. (muntries). Genetic Resources and Crop Evolution, 2018, 65, 917-937.	0.8	1
5	Asexual Female Gametogenesis Involves Contact with a Sexually-Fated Megaspore in Apomictic Hieracium. Plant Physiology, 2018, 177, 1027-1049.	2.3	28
6	Insights into the Evolution of Hydroxyproline-Rich Glycoproteins from 1000 Plant Transcriptomes. Plant Physiology, 2017, 174, 904-921.	2.3	62
7	Pipeline to Identify Hydroxyproline-Rich Glycoproteins. Plant Physiology, 2017, 174, 886-903.	2.3	61
8	Benchmarking study of quality parameters of Rivoli Bay selection of Kunzea pomifera (muntries): A new Indigenous crop from Australia. Scientia Horticulturae, 2017, 219, 287-293.	1.7	3
9	Nonâ€selective cation channel activity of aquaporin AtPIP2;1 regulated by Ca²⁺ and pH. Plant, Cell and Environment, 2017, 40, 802-815.	2.8	153
10	Investigation of self-assembling proline- and glycine-rich recombinant proteins and peptides inspired by proteins from a symbiotic fungus using atomic force microscopy and circular dichroism spectroscopy. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 711-722.	1.1	12
11	Investigation of a Hisâ€rich arabinogalactanâ€protein for micronutrient biofortification of cereal grain. Physiologia Plantarum, 2011, 143, 271-286.	2.6	7
12	A Fasciclin-Like Arabinogalactan-Protein (FLA) Mutant of Arabidopsis thaliana, fla1, Shows Defects in Shoot Regeneration. PLoS ONE, 2011, 6, e25154.	1.1	82
13	Genetic variation for root architecture, nutrient uptake and mycorrhizal colonisation in Medicago truncatula accessions. Plant and Soil, 2010, 336, 113-128.	1.8	13
14	Arabinogalactan-Proteins: Key Regulators at the Cell Surface?. Plant Physiology, 2010, 153, 403-419.	2.3	419
15	Phylogenetic analysis and functional characterisation of strictosidine synthase-like genes in Arabidopsis thaliana. Functional Plant Biology, 2009, 36, 1098.	1.1	13
16	Novel plant and fungal AGP-like proteins in the Medicago truncatulaâ€“Glomus intraradices arbuscular mycorrhizal symbiosis. Mycorrhiza, 2008, 18, 403-412.	1.3	17
17	Comparative mapping of a QTL controlling black point formation in barley. Functional Plant Biology, 2008, 35, 427.	1.1	9
18	Post-translational Modifications of Arabinogalactan-peptides of Arabidopsis thaliana. Journal of Biological Chemistry, 2004, 279, 45503-45511.	1.6	73

#	Article	IF	Citations
19	Glycoproteins, Plant. , 2004, , 293-296.		0
20	Glycosylphosphatidylinositol Lipid Anchoring of Plant Proteins. Sensitive Prediction from Sequence- and Genome-Wide Studies for Arabidopsis and Rice. Plant Physiology, 2003, 133, 1691-1701.	2.3	185
21	The Fasciclin-Like Arabinogalactan Proteins of Arabidopsis. A Multigene Family of Putative Cell Adhesion Molecules. Plant Physiology, 2003, 133, 1911-1925.	2.3	349
22	Using Genomic Resources to Guide Research Directions. The Arabinogalactan Protein Gene Family as a Test Case. Plant Physiology, 2002, 129, 1448-1463.	2.3	219
23	Effect of Denaturants on the Emulsifying Activity of Proteins. Journal of Agricultural and Food Chemistry, 2001, 49, 281-286.	2.4	36
24	The complex structures of arabinogalactan-proteins and the journey towards understanding function. Plant Molecular Biology, 2001, 47, 161-176.	2.0	234
25	The Classical Arabinogalactan Protein Gene Family of Arabidopsis. Plant Cell, 2000, 12, 1751-1767.	3.1	211
26	GPI-anchors on arabinogalactan-proteins: implications for signalling in plants. Trends in Plant Science, 1998, 3, 426-431.	4.3	174
27	Molecular characterisation of a cDNA sequence encoding the backbone of a style-specific 120 kDa glycoprotein which has features of both extensins and arabinogalactan proteins. Plant Molecular Biology, 1997, 35, 833-845.	2.0	59
28	The aspartate aminotransferase gene family of Arabidopsis encodes isoenzymes localized to three distinct subcellular compartments. Plant Journal, 1995, 7, 61-75.	2.8	111