Simon J Conn

List of Publications by Year
in descending order

36 papers	5,847 citations	218381 26 h-index	344852 36 g-index
37 all docs	37 docs citations	37 times ranked	8783 citing authors

#	Article	IF	Citations
1	The RNA Binding Protein Quaking Regulates Formation of circRNAs. Cell, 2015, 160, 1125-1134.	13.5	1,698
2	Wheat grain yield on saline soils is improved by an ancestral Na+ transporter gene. Nature Biotechnology, 2012, 30, 360-364.	9.4	690
3	A circRNA from SEPALLATA3 regulates splicing of its cognate mRNA through R-loop formation. Nature Plants, 2017, 3, 17053.	4.7	434
4	Pluripotent cell division cycles are driven by ectopic Cdk2, cyclin A/E and E2F activities. Oncogene, 2002, 21, 8320-8333.	2.6	332
5	Comparative physiology of elemental distributions in plants. Annals of Botany, 2010, 105, 1081-1102.	1.4	288
6	Cell-Specific Vacuolar Calcium Storage Mediated by <i>CAX1</i> Regulates Apoplastic Calcium Concentration, Gas Exchange, and Plant Productivity in <i>Arabidopsis</i> Â Â. Plant Cell, 2011, 23, 240-257.	3.1	222
7	Calcium delivery and storage in plant leaves: exploring the link with water flow. Journal of Experimental Botany, 2011, 62, 2233-2250.	2.4	208
8	RNA Clamping by Vasa Assembles a piRNA Amplifier Complex on Transposon Transcripts. Cell, 2014, 157, 1698-1711.	13.5	208
9	Xylem ionic relations and salinity tolerance in barley. Plant Journal, 2010, 61, 839-853.	2.8	198
10	Purification, molecular cloning, and characterization of glutathione S-transferases (GSTs) from pigmented Vitis vinifera L. cell suspension cultures as putative anthocyanin transport proteins. Journal of Experimental Botany, 2008, 59, 3621-3634.	2.4	193
11	Protocol: optimising hydroponic growth systems for nutritional and physiological analysis of Arabidopsis thaliana and other plants. Plant Methods, 2013, 9, 4.	1.9	167
12	Developmental Activation of the Rbâ€"E2F Pathway and Establishment of Cell Cycle-regulated Cyclin-dependent Kinase Activity during Embryonic Stem Cell Differentiation. Molecular Biology of the Cell, 2005, 16, 2018-2027.	0.9	152
13	An update on magnesium homeostasis mechanisms in plants. Metallomics, 2013, 5, 1170.	1.0	133
14	The response of the maize nitrate transport system to nitrogen demand and supply across the lifecycle. New Phytologist, 2013, 198, 82-94.	3.5	108
15	Magnesium transporters, MGT2/MRS2â€1 and MGT3/MRS2â€5, are important for magnesium partitioning within <i>Arabidopsis thaliana</i> mesophyll vacuoles. New Phytologist, 2011, 190, 583-594.	3.5	99
16	Structural Basis for the Oligomerization of the MADS Domain Transcription Factor SEPALLATA3 in <i>Arabidopsis</i> Â. Plant Cell, 2014, 26, 3603-3615.	3.1	97
17	miRâ€200/375 control epithelial plasticityâ€associated alternative splicing by repressing the <scp>RNA</scp> â€binding protein Quaking. EMBO Journal, 2018, 37, .	3.5	82
18	Tetramerization of MADS family transcription factors SEPALLATA3 and AGAMOUS is required for floral meristem determinacy in Arabidopsis. Nucleic Acids Research, 2018, 46, 4966-4977.	6.5	81

#	Article	IF	Citations
19	Anthocyanic vacuolar inclusions (AVIs) selectively bind acylated anthocyanins in Vitis vinifera L. (grapevine) suspension culture. Biotechnology Letters, 2003, 25, 835-839.	1.1	62
20	Characterization of anthocyanic vacuolar inclusions in Vitis vinifera L. cell suspension cultures. Planta, 2010, 231, 1343-1360.	1.6	55
21	Protocol: a fast and simple in situ PCR method for localising gene expression in plant tissue. Plant Methods, 2014, 10, 29.	1.9	45
22	Variation for N Uptake System in Maize: Genotypic Response to N Supply. Frontiers in Plant Science, 2015, 6, 936.	1.7	39
23	Heterodimerization of Arabidopsis calcium/proton exchangers contributes to regulation of guard cell dynamics and plant defense responses. Journal of Experimental Botany, 2017, 68, 4171-4183.	2.4	39
24	CircRNAs in Plants. Advances in Experimental Medicine and Biology, 2018, 1087, 329-343.	0.8	37
25	Cell-specific compartmentation of mineral nutrients is an essential mechanism for optimal plant productivityâ€” another role for<i>TPC1</i>?. Plant Signaling and Behavior, 2011, 6, 1656-1661.	1.2	34
26	To Stretch the Boundary of Secondary Metabolite Production in Plant Cell-Based Bioprocessing: Anthocyanin as a Case Study. Journal of Biomedicine and Biotechnology, 2004, 2004, 264-271.	3.0	29
27	SplintQuant: a method for accurately quantifying circular RNA transcript abundance without reverse transcription bias. Rna, 2019, 25, 1202-1210.	1.6	29
28	Exploiting natural variation to uncover candidate genes that control element accumulation in Arabidopsis thaliana. New Phytologist, 2012, 193, 859-866.	3.5	24
29	A Highly Efficient Strategy for Overexpressing circRNAs. Methods in Molecular Biology, 2018, 1724, 97-105.	0.4	16
30	A Neuroethics Framework for the Australian Brain Initiative. Neuron, 2019, 101, 365-369.	3.8	11
31	The Suitability of Glioblastoma Cell Lines as Models for Primary Glioblastoma Cell Metabolism. Cancers, 2020, 12, 3722.	1.7	10
32	Don't go in circles: confounding factors in gene expression profiling. EMBO Journal, 2018, 37, .	3.5	8
33	SRRM4 Expands the Repertoire of Circular RNAs by Regulating Microexon Inclusion. Cells, 2020, 9, 2488.	1.8	8
34	The Non-Coding RNA Journal Club: Highlights on Recent Papersâ€”7. Non-coding RNA, 2019, 5, 40.	1.3	2
35	Transcriptomics on Small Samples. Methods in Molecular Biology, 2012, 913, 335-350.	0.4	2
36	The Non-Coding RNA Journal Club: Highlights on Recent Papersâ€”6. Non-coding RNA, 2018, 4, 23.	1.3	0