Simon J Conn

List of Publications by Year in Descending Order

34 papers	4,272 citations	23 h-index	37 g-index
37 ext. papers	5,255 ext. citations	11 avg, IF	5.14 L-index

#	Paper	IF	Citations
34	SRRM4 Expands the Repertoire of Circular RNAs by Regulating Microexon Inclusion. *Cells*, **2020**, 9,	7.9	1
33	The Suitability of Glioblastoma Cell Lines as Models for Primary Glioblastoma Cell Metabolism. *Cancers*, **2020**, 12,	6.6	3
32	SplintQuant: a method for accurately quantifying circular RNA transcript abundance without reverse transcription bias. *Rna*, **2019**, 25, 1202-1210	5.8	10
31	A Neuroethics Framework for the Australian Brain Initiative. *Neuron*, **2019**, 101, 365-369	13.9	5
30	A Highly Efficient Strategy for Overexpressing circRNAs. *Methods in Molecular Biology*, **2018**, 1724, 97-105	1.4	12
29	Tetramerization of MADS family transcription factors SEPALLATA3 and AGAMOUS is required for floral meristem determinacy in Arabidopsis. *Nucleic Acids Research*, **2018**, 46, 4966-4977	20.1	36
28	Don't go in circles: confounding factors in gene expression profiling. *EMBO Journal*, **2018**, 37,	13	7
27	miR-200/375 control epithelial plasticity-associated alternative splicing by repressing the RNA-binding protein Quaking. *EMBO Journal*, **2018**, 37,	13	46
26	CircRNAs in Plants. *Advances in Experimental Medicine and Biology*, **2018**, 1087, 329-343	3.6	21
25	A circRNA from SEPALLATA3 regulates splicing of its cognate mRNA through R-loop formation. *Nature Plants*, **2017**, 3, 17053	11.5	250
24	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	7	25
23	The RNA binding protein quaking regulates formation of circRNAs. *Cell*, **2015**, 160, 1125-34	56.2	1206
22	Variation for N Uptake System in Maize: Genotypic Response to N Supply. *Frontiers in Plant Science*, **2015**, 6, 936	6.2	21
21	Structural basis for the oligomerization of the MADS domain transcription factor SEPALLATA3 in Arabidopsis. *Plant Cell*, **2014**, 26, 3603-15	11.6	62
20	RNA clamping by Vasa assembles a piRNA amplifier complex on transposon transcripts. *Cell*, **2014**, 157, 1698-711	56.2	149
19	Protocol: a fast and simple in situ PCR method for localising gene expression in plant tissue. *Plant Methods*, **2014**, 10, 29	5.8	34
18	Protocol: optimising hydroponic growth systems for nutritional and physiological analysis of Arabidopsis thaliana and other plants. *Plant Methods*, **2013**, 9, 4	5.8	115

17	The response of the maize nitrate transport system to nitrogen demand and supply across the lifecycle. *New Phytologist*, **2013**, 198, 82-94	9.8	85
16	An update on magnesium homeostasis mechanisms in plants. *Metallomics*, **2013**, 5, 1170-83	4.5	87
15	Wheat grain yield on saline soils is improved by an ancestral Na+ transporter gene. *Nature Biotechnology*, **2012**, 30, 360-4	44.5	515
14	Exploiting natural variation to uncover candidate genes that control element accumulation in Arabidopsis thaliana. *New Phytologist*, **2012**, 193, 859-66	9.8	21
13	Transcriptomics on small samples. *Methods in Molecular Biology*, **2012**, 913, 335-50	1.4	2
12	Calcium delivery and storage in plant leaves: exploring the link with water flow. *Journal of Experimental Botany*, **2011**, 62, 2233-50	7	141
11	Magnesium transporters, MGT2/MRS2-1 and MGT3/MRS2-5, are important for magnesium partitioning within Arabidopsis thaliana mesophyll vacuoles. *New Phytologist*, **2011**, 190, 583-94	9.8	75
10	Cell-specific vacuolar calcium storage mediated by CAX1 regulates apoplastic calcium concentration, gas exchange, and plant productivity in Arabidopsis. *Plant Cell*, **2011**, 23, 240-57	11.6	184
9	Cell-specific compartmentation of mineral nutrients is an essential mechanism for optimal plant productivity--another role for TPC1?. *Plant Signaling and Behavior*, **2011**, 6, 1656-61	2.5	28
8	Xylem ionic relations and salinity tolerance in barley. *Plant Journal*, **2010**, 61, 839-53	6.9	159
7	Comparative physiology of elemental distributions in plants. *Annals of Botany*, **2010**, 105, 1081-102	4.1	241
6	Characterization of anthocyanic vacuolar inclusions in Vitis vinifera L. cell suspension cultures. *Planta*, **2010**, 231, 1343-60	4.7	47
5	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, 3621-34	7	166
4	Developmental activation of the Rb-E2F pathway and establishment of cell cycle-regulated cyclin-dependent kinase activity during embryonic stem cell differentiation. *Molecular Biology of the Cell*, **2005**, 16, 2018-27	3.5	138
3	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		21
2	Anthocyanic vacuolar inclusions (AVIs) selectively bind acylated anthocyanins in Vitis vinifera L. (grapevine) suspension culture. *Biotechnology Letters*, **2003**, 25, 835-9	3	51
1	Pluripotent cell division cycles are driven by ectopic Cdk2, cyclin A/E and E2F activities. *Oncogene*, **2002**, 21, 8320-33	9.2	302