

# Simon J Conn

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The RNA binding protein quaking regulates formation of circRNAs. <i>Cell</i> , <b>2015</b> , 160, 1125-34	56.2	1206
33	Wheat grain yield on saline soils is improved by an ancestral Na <sup>+</sup> transporter gene. <i>Nature Biotechnology</i> , <b>2012</b> , 30, 360-4	44.5	515
32	Pluripotent cell division cycles are driven by ectopic Cdk2, cyclin A/E and E2F activities. <i>Oncogene</i> , <b>2002</b> , 21, 8320-33	9.2	302
31	A circRNA from SEPALLATA3 regulates splicing of its cognate mRNA through R-loop formation. <i>Nature Plants</i> , <b>2017</b> , 3, 17053	11.5	250
30	Comparative physiology of elemental distributions in plants. <i>Annals of Botany</i> , <b>2010</b> , 105, 1081-102	4.1	241
29	Cell-specific vacuolar calcium storage mediated by CAX1 regulates apoplastic calcium concentration, gas exchange, and plant productivity in Arabidopsis. <i>Plant Cell</i> , <b>2011</b> , 23, 240-57	11.6	184
28	Purification, molecular cloning, and characterization of glutathione S-transferases (GSTs) from pigmented <i>Vitis vinifera</i> L. cell suspension cultures as putative anthocyanin transport proteins. <i>Journal of Experimental Botany</i> , <b>2008</b> , 59, 3621-34	7	166
27	Xylem ionic relations and salinity tolerance in barley. <i>Plant Journal</i> , <b>2010</b> , 61, 839-53	6.9	159
26	RNA clamping by Vasa assembles a piRNA amplifier complex on transposon transcripts. <i>Cell</i> , <b>2014</b> , 157, 1698-711	56.2	149
25	Calcium delivery and storage in plant leaves: exploring the link with water flow. <i>Journal of Experimental Botany</i> , <b>2011</b> , 62, 2233-50	7	141
24	Developmental activation of the Rb-E2F pathway and establishment of cell cycle-regulated cyclin-dependent kinase activity during embryonic stem cell differentiation. <i>Molecular Biology of the Cell</i> , <b>2005</b> , 16, 2018-27	3.5	138
23	Protocol: optimising hydroponic growth systems for nutritional and physiological analysis of <i>Arabidopsis thaliana</i> and other plants. <i>Plant Methods</i> , <b>2013</b> , 9, 4	5.8	115
22	An update on magnesium homeostasis mechanisms in plants. <i>Metallomics</i> , <b>2013</b> , 5, 1170-83	4.5	87
21	The response of the maize nitrate transport system to nitrogen demand and supply across the lifecycle. <i>New Phytologist</i> , <b>2013</b> , 198, 82-94	9.8	85
20	Magnesium transporters, MGT2/MRS2-1 and MGT3/MRS2-5, are important for magnesium partitioning within <i>Arabidopsis thaliana</i> mesophyll vacuoles. <i>New Phytologist</i> , <b>2011</b> , 190, 583-94	9.8	75
19	Structural basis for the oligomerization of the MADS domain transcription factor SEPALLATA3 in <i>Arabidopsis</i> . <i>Plant Cell</i> , <b>2014</b> , 26, 3603-15	11.6	62
18	Anthocyanic vacuolar inclusions (AVIs) selectively bind acylated anthocyanins in <i>Vitis vinifera</i> L. (grapevine) suspension culture. <i>Biotechnology Letters</i> , <b>2003</b> , 25, 835-9	3	51

17	Characterization of anthocyanic vacuolar inclusions in <i>Vitis vinifera</i> L. cell suspension cultures. <i>Planta</i> , <b>2010</b> , 231, 1343-60	4.7	47
16	miR-200/375 control epithelial plasticity-associated alternative splicing by repressing the RNA-binding protein Quaking. <i>EMBO Journal</i> , <b>2018</b> , 37,	13	46
15	Tetramerization of MADS family transcription factors SEPALLATA3 and AGAMOUS is required for floral meristem determinacy in Arabidopsis. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 4966-4977	20.1	36
14	Protocol: a fast and simple in situ PCR method for localising gene expression in plant tissue. <i>Plant Methods</i> , <b>2014</b> , 10, 29	5.8	34
13	Cell-specific compartmentation of mineral nutrients is an essential mechanism for optimal plant productivity--another role for TPC1?. <i>Plant Signaling and Behavior</i> , <b>2011</b> , 6, 1656-61	2.5	28
12	Heterodimerization of Arabidopsis calcium/proton exchangers contributes to regulation of guard cell dynamics and plant defense responses. <i>Journal of Experimental Botany</i> , <b>2017</b> , 68, 4171-4183	7	25
11	Variation for N Uptake System in Maize: Genotypic Response to N Supply. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 936	6.2	21
10	Exploiting natural variation to uncover candidate genes that control element accumulation in Arabidopsis thaliana. <i>New Phytologist</i> , <b>2012</b> , 193, 859-66	9.8	21
9	To Stretch the Boundary of Secondary Metabolite Production in Plant Cell-Based Bioprocessing: Anthocyanin as a Case Study. <i>Journal of Biomedicine and Biotechnology</i> , <b>2004</b> , 2004, 264-271		21
8	CircRNAs in Plants. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1087, 329-343	3.6	21
7	A Highly Efficient Strategy for Overexpressing circRNAs. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1724, 97-105	15.4	12
6	SplintQuant: a method for accurately quantifying circular RNA transcript abundance without reverse transcription bias. <i>Rna</i> , <b>2019</b> , 25, 1202-1210	5.8	10
5	Don't go in circles: confounding factors in gene expression profiling. <i>EMBO Journal</i> , <b>2018</b> , 37,	13	7
4	A Neuroethics Framework for the Australian Brain Initiative. <i>Neuron</i> , <b>2019</b> , 101, 365-369	13.9	5
3	The Suitability of Glioblastoma Cell Lines as Models for Primary Glioblastoma Cell Metabolism. <i>Cancers</i> , <b>2020</b> , 12,	6.6	3
2	Transcriptomics on small samples. <i>Methods in Molecular Biology</i> , <b>2012</b> , 913, 335-50	1.4	2
1	SRRM4 Expands the Repertoire of Circular RNAs by Regulating Microexon Inclusion. <i>Cells</i> , <b>2020</b> , 9,	7.9	1