

Ronan Omalley

List of Publications by Year in Descending Order

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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.

25
papers

4,893
citations

19
h-index

29
g-index

29
ext. papers

6,127
ext. citations

15.4
avg, IF

5.2
L-index

#	Paper	IF	Citations
25	An optimized ChIP-Seq framework for profiling histone modifications in .. <i>Plant Direct</i> , 2022 , 6, e392	3.3	
24	Long-read metagenomics of soil communities reveals phylum-specific secondary metabolite dynamics. <i>Communications Biology</i> , 2021 , 4, 1302	6.7	2
23	Persistence and plasticity in bacterial gene regulation. <i>Nature Methods</i> , 2021 , 18, 1499-1505	21.6	2
22	DNA affinity purification sequencing and transcriptional profiling reveal new aspects of nitrogen regulation in a filamentous fungus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	7
21	Plant single-cell solutions for energy and the environment. <i>Communications Biology</i> , 2021 , 4, 962	6.7	5
20	Aspects of the <i>Neurospora crassa</i> Sulfur Starvation Response Are Revealed by Transcriptional Profiling and DNA Affinity Purification Sequencing. <i>MSphere</i> , 2021 , 6, e0056421	5	1
19	The regulatory and transcriptional landscape associated with carbon utilization in a filamentous fungus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 6003-6013	11.5	25
18	High-Throughput Single-Cell Transcriptome Profiling of Plant Cell Types. <i>Cell Reports</i> , 2019 , 27, 2241-2247	17.64	141
17	Transcriptomic analysis of field-droughted sorghum from seedling to maturity reveals biotic and metabolic responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 ,	11.5	68
16	Regulation of Cell-to-Cell Communication and Cell Wall Integrity by a Network of MAP Kinase Pathways and Transcription Factors in. <i>Genetics</i> , 2018 , 209, 489-506	4	23
15	Mapping genome-wide transcription-factor binding sites using DAP-seq. <i>Nature Protocols</i> , 2017 , 12, 1659-1672	8.142	
14	Epigenomic Diversity in a Global Collection of <i>Arabidopsis thaliana</i> Accessions. <i>Cell</i> , 2016 , 166, 492-505	56.2	353
13	The <i>Arabidopsis</i> Auxin Receptor F-Box Proteins AFB4 and AFB5 Are Required for Response to the Synthetic Auxin Picloram. <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 1383-90	3.2	54
12	Cistrome and Epicistrome Features Shape the Regulatory DNA Landscape. <i>Cell</i> , 2016 , 165, 1280-1292	56.2	528
11	A user's guide to the <i>Arabidopsis</i> T-DNA insertion mutant collections. <i>Methods in Molecular Biology</i> , 2015 , 1284, 323-42	1.4	52
10	Transgenerational epigenetic instability is a source of novel methylation variants. <i>Science</i> , 2011 , 334, 369-73	33.3	485
9	Linking genotype to phenotype using the <i>Arabidopsis</i> unimutant collection. <i>Plant Journal</i> , 2010 , 61, 928-40	40	141

8	Highly integrated single-base resolution maps of the epigenome in Arabidopsis. <i>Cell</i> , 2008 , 133, 523-36	56.2	1896
7	A link between RNA metabolism and silencing affecting Arabidopsis development. <i>Developmental Cell</i> , 2008 , 14, 854-66	10.2	328
6	An adapter ligation-mediated PCR method for high-throughput mapping of T-DNA inserts in the Arabidopsis genome. <i>Nature Protocols</i> , 2007 , 2, 2910-7	18.8	96
5	Ethylene stimulates nutations that are dependent on the ETR1 receptor. <i>Plant Physiology</i> , 2006 , 142, 1690-700	6.6	56
4	Ethylene-binding activity, gene expression levels, and receptor system output for ethylene receptor family members from Arabidopsis and tomato. <i>Plant Journal</i> , 2005 , 41, 651-9	6.9	167
3	Arabidopsis seedling growth response and recovery to ethylene. A kinetic analysis. <i>Plant Physiology</i> , 2004 , 136, 2913-20	6.6	150
2	Ethylene Perception in Arabidopsis by the ETR1 Receptor Family 2003 , 439-457		
1	Expansin message regulation in parasitic angiosperms: marking time in development. <i>Plant Cell</i> , 2000 , 12, 1455-65	11.6	48