

Ronan Omalley

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

7,007
citations

393982

19
h-index

580395

25
g-index

29
all docs

29
docs citations

29
times ranked

9192
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Integrated Single-Base Resolution Maps of the Epigenome in Arabidopsis. <i>Cell</i> , 2008, 133, 523-536.	13.5	2,229
2	Cistrome and Epicistrome Features Shape the Regulatory DNA Landscape. <i>Cell</i> , 2016, 165, 1280-1292.	13.5	1,078
3	Transgenerational Epigenetic Instability Is a Source of Novel Methylation Variants. <i>Science</i> , 2011, 334, 369-373.	6.0	635
4	Epigenomic Diversity in a Global Collection of Arabidopsis thaliana Accessions. <i>Cell</i> , 2016, 166, 492-505.	13.5	594
5	A Link between RNA Metabolism and Silencing Affecting Arabidopsis Development. <i>Developmental Cell</i> , 2008, 14, 854-866.	3.1	394
6	Mapping genome-wide transcription-factor binding sites using DAP-seq. <i>Nature Protocols</i> , 2017, 12, 1659-1672.	5.5	330
7	High-Throughput Single-Cell Transcriptome Profiling of Plant Cell Types. <i>Cell Reports</i> , 2019, 27, 2241-2247.e4.	2.9	279
8	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, 651-659.	2.8	188
9	Linking genotype to phenotype using the Arabidopsis unimutant collection. <i>Plant Journal</i> , 2010, 61, 928-940.	2.8	171
10	Arabidopsis Seedling Growth Response and Recovery to Ethylene. A Kinetic Analysis. <i>Plant Physiology</i> , 2004, 136, 2913-2920.	2.3	164
11	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, 116, 27124-27132.	3.3	129
12	An adapter ligation-mediated PCR method for high-throughput mapping of T-DNA inserts in the Arabidopsis genome. <i>Nature Protocols</i> , 2007, 2, 2910-2917.	5.5	111
13	A User's Guide to the Arabidopsis T-DNA Insertion Mutant Collections. <i>Methods in Molecular Biology</i> , 2015, 1284, 323-342.	0.4	91
14	The Arabidopsis 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, 1383-1390.	0.8	89
15	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.	3.3	75
16	Ethylene Stimulates Nutations That Are Dependent on the ETR1 Receptor. <i>Plant Physiology</i> , 2006, 142, 1690-1700.	2.3	66
17	Expansin Message Regulation in Parasitic Angiosperms: Marking Time in Development. <i>Plant Cell</i> , 2000, 12, 1455-1465.	3.1	57
18	Regulation of Cell-to-Cell Communication and Cell Wall Integrity by a Network of MAP Kinase Pathways and Transcription Factors in <i>Neurospora crassa</i> . <i>Genetics</i> , 2018, 209, 489-506.	1.2	45

#	ARTICLE	IF	CITATIONS
19	Plant single-cell solutions for energy and the environment. <i>Communications Biology</i> , 2021, 4, 962.	2.0	23
20	Persistence and plasticity in bacterial gene regulation. <i>Nature Methods</i> , 2021, 18, 1499-1505.	9.0	23
21	Long-read metagenomics of soil communities reveals phylum-specific secondary metabolite dynamics. <i>Communications Biology</i> , 2021, 4, 1302.	2.0	21
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, .	3.3	15
23	The role of ATXR6 expression in modulating genome stability and transposable element repression in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	11
24	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.	1.3	4
25	Ethylene Perception in <i>Arabidopsis</i> by the ETR1 Receptor Family. , 2003, , 439-457.		0
26	An optimized ChIP-seq framework for profiling histone modifications in <i>Chromochloris zofingiensis</i> . <i>Plant Direct</i> , 2022, 6, e392.	0.8	0