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List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,573
citations

361045

20
h-index

580395

25
g-index

34
all docs

34
docs citations

34
times ranked

4425
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell genomics in plants: current state, future directions, and hurdles to overcome. <i>Plant Physiology</i> , 2022, 188, 749-755.	2.3	24
2	A single-cell view of the transcriptome during lateral root initiation in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2021, 33, 2197-2220.	3.1	75
3	Synthetic promoter designs enabled by a comprehensive analysis of plant core promoters. <i>Nature Plants</i> , 2021, 7, 842-855.	4.7	78
4	The regulatory landscape of <i>Arabidopsis thaliana</i> roots at single-cell resolution. <i>Nature Communications</i> , 2021, 12, 3334.	5.8	84
5	Vision, challenges and opportunities for a Plant Cell Atlas. <i>ELife</i> , 2021, 10, .	2.8	31
6	Effects of sequence motifs in the yeast 3' untranslated region determined from massively parallel assays of random sequences. <i>Genome Biology</i> , 2021, 22, 293.	3.8	6
7	The promise of single-cell genomics in plants. <i>Current Opinion in Plant Biology</i> , 2020, 54, 114-121.	3.5	26
8	Identification of Plant Enhancers and Their Constituent Elements by STARR-seq in Tobacco Leaves. <i>Plant Cell</i> , 2020, 32, 2120-2131.	3.1	53
9	Editorial overview: Technology development as a driver of biological discovery. <i>Current Opinion in Plant Biology</i> , 2020, 54, A1-A4.	3.5	1
10	Dynamics of Gene Expression in Single Root Cells of <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2019, 31, 993-1011.	3.1	279
11	Complex Relationships between Chromatin Accessibility, Sequence Divergence, and Gene Expression in <i>Arabidopsis thaliana</i> . <i>Molecular Biology and Evolution</i> , 2018, 35, 837-854.	3.5	33
12	Preferences in a trait decision determined by transcription factor variants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7997-E8006.	3.3	15
13	Deep learning of the regulatory grammar of yeast 5' untranslated regions from 500,000 random sequences. <i>Genome Research</i> , 2017, 27, 2015-2024.	2.4	166
14	A tetO Toolkit To Alter Expression of Genes in <i>Saccharomyces cerevisiae</i> . <i>ACS Synthetic Biology</i> , 2015, 4, 842-852.	1.9	18
15	New Generation of Artificial MicroRNA and Synthetic Trans-Acting Small Interfering RNA Vectors for Efficient Gene Silencing in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2014, 165, 15-29.	2.3	119
16	Phytophthora Have Distinct Endogenous Small RNA Populations That Include Short Interfering and microRNAs. <i>PLoS ONE</i> , 2013, 8, e77181.	1.1	88
17	Functional Analysis of Three <i>Arabidopsis</i> ARGONAUTES Using Slicer-Defective Mutants. <i>Plant Cell</i> , 2012, 24, 3613-3629.	3.1	249
18	Evolution and Functional Diversification of <i>MIRNA</i> Genes. <i>Plant Cell</i> , 2011, 23, 431-442.	3.1	645

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19	Identification of genes required for de novo DNA methylation in Arabidopsis. Epigenetics, 2011, 6, 344-354.	1.3	64
20	Unique functionality of 22-nt miRNAs in triggering RDR6-dependent siRNA biogenesis from target transcripts in Arabidopsis. Nature Structural and Molecular Biology, 2010, 17, 997-1003.	3.6	448
21	Identification of <i>MIR390a</i> precursor processing-defective mutants in Arabidopsis by direct genome sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 466-471.	3.3	137
22	Regulation and functional specialization of small RNA target nodes during plant development. Current Opinion in Plant Biology, 2009, 12, 622-627.	3.5	111
23	Specificity of ARGONAUTE7-miR390 Interaction and Dual Functionality in TAS3 Trans-Acting siRNA Formation. Cell, 2008, 133, 128-141.	13.5	712
24	Agrobacterium rhizogenes GALLS Protein Substitutes for Agrobacterium tumefaciens Single-Stranded DNA-Binding Protein VirE2. Journal of Bacteriology, 2004, 186, 3065-3077.	1.0	52
25	Translation Start Sequences Affect the Efficiency of Silencing of Agrobacterium tumefaciens T-DNA Oncogenes. Plant Physiology, 2003, 133, 966-977.	2.3	29