

Javier Gallego-Bartolome

List of Publications by Citations

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24
papers

2,089
citations

18
h-index

26
g-index

26
ext. papers

2,713
ext. citations

16.8
avg, IF

5.06
L-index

#	Paper	IF	Citations
24	Molecular mechanism for the interaction between gibberellin and brassinosteroid signaling pathways in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 13446-51	11.5	254
23	Hormonal regulation of temperature-induced growth in Arabidopsis. <i>Plant Journal</i> , 2009 , 60, 589-601	6.9	205
22	Molecular mechanism of action of plant DRM de novo DNA methyltransferases. <i>Cell</i> , 2014 , 157, 1050-60	56.2	179
21	A One Precursor One siRNA Model for Pol IV-Dependent siRNA Biogenesis. <i>Cell</i> , 2015 , 163, 445-55	56.2	166
20	Polarization of PIN3-dependent auxin transport for hypocotyl gravitropic response in Arabidopsis thaliana. <i>Plant Journal</i> , 2011 , 67, 817-26	6.9	138
19	Gibberellins modulate light signaling pathways to prevent Arabidopsis seedling de-etiolation in darkness. <i>Plant Journal</i> , 2008 , 53, 324-35	6.9	136
18	Targeted DNA demethylation of the genome using the human TET1 catalytic domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E2125-E2134	11.5	128
17	Mechanism of DNA methylation-directed histone methylation by KRYPTONITE. <i>Molecular Cell</i> , 2014 , 55, 495-504	17.6	120
16	Site-specific manipulation of Arabidopsis loci using CRISPR-Cas9 SunTag systems. <i>Nature Communications</i> , 2019 , 10, 729	17.4	114
15	A DNA methylation reader complex that enhances gene transcription. <i>Science</i> , 2018 , 362, 1182-1186	33.3	103
14	Transcriptional diversification and functional conservation between DELLA proteins in Arabidopsis. <i>Molecular Biology and Evolution</i> , 2010 , 27, 1247-56	8.3	102
13	Hierarchy of hormone action controlling apical hook development in Arabidopsis. <i>Plant Journal</i> , 2011 , 67, 622-34	6.9	80
12	Co-targeting RNA Polymerases IV and V Promotes Efficient De Novo DNA Methylation in Arabidopsis. <i>Cell</i> , 2019 , 176, 1068-1082.e19	56.2	68
11	DNA methylome of the 20-gigabase Norway spruce genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E8106-E8113	11.5	56
10	DELLA-induced early transcriptional changes during etiolated development in Arabidopsis thaliana. <i>PLoS ONE</i> , 2011 , 6, e23918	3.7	55
9	RNA-directed DNA methylation involves co-transcriptional small-RNA-guided slicing of polymerase V transcripts in Arabidopsis. <i>Nature Plants</i> , 2018 , 4, 181-188	11.5	51
8	DNA methylation in plants: mechanisms and tools for targeted manipulation. <i>New Phytologist</i> , 2020 , 227, 38-44	9.8	45

7	A hormonal regulatory module that provides flexibility to tropic responses. <i>Plant Physiology</i> , 2011 , 156, 1819-25	6.6	30
6	Identification of Multiple Proteins Coupling Transcriptional Gene Silencing to Genome Stability in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2016 , 12, e1006092	6	18
5	CryoEM structures of Arabidopsis DDR complexes involved in RNA-directed DNA methylation. <i>Nature Communications</i> , 2019 , 10, 3916	17.4	12
4	DNA methylation-linked chromatin accessibility affects genomic architecture in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	12
3	The characterization of Mediator 12 and 13 as conditional positive gene regulators in Arabidopsis. <i>Nature Communications</i> , 2020 , 11, 2798	17.4	6
2	Ectopic targeting of CG DNA methylation in Arabidopsis with the bacterial SssI methyltransferase. <i>Nature Communications</i> , 2021 , 12, 3130	17.4	6
1	Arabidopsis MORC proteins function in the efficient establishment of RNA directed DNA methylation. <i>Nature Communications</i> , 2021 , 12, 4292	17.4	4