

Javier Gallego-Bartolome

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,166
citations

331670

21
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580821

25
g-index

26
all docs

26
docs citations

26
times ranked

4034
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanism for the interaction between gibberellin and brassinosteroid signaling pathways in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13446-13451.	7.1	327
2	Hormonal regulation of temperature-induced growth in <i>Arabidopsis</i> . Plant Journal, 2009, 60, 589-601.	5.7	271
3	A One Precursor One siRNA Model for Pol IV-Dependent siRNA Biogenesis. Cell, 2015, 163, 445-455.	28.9	260
4	Molecular Mechanism of Action of Plant DRM De Novo DNA Methyltransferases. Cell, 2014, 157, 1050-1060.	28.9	245
5	Site-specific manipulation of <i>Arabidopsis</i> loci using CRISPR-Cas9 SunTag systems. Nature Communications, 2019, 10, 729.	12.8	215
6	Targeted DNA demethylation of the <i>Arabidopsis</i> genome using the human TET1 catalytic domain. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2125-E2134.	7.1	190
7	Mechanism of DNA Methylation-Directed Histone Methylation by KRYPTONITE. Molecular Cell, 2014, 55, 495-504.	9.7	186
8	A DNA methylation reader complex that enhances gene transcription. Science, 2018, 362, 1182-1186.	12.6	181
9	Polarization of PIN3-dependent auxin transport for hypocotyl gravitropic response in <i>Arabidopsis thaliana</i> . Plant Journal, 2011, 67, 817-826.	5.7	171
10	Gibberellins modulate light signaling pathways to prevent <i>Arabidopsis</i> seedling de-etiolation in darkness. Plant Journal, 2008, 53, 324-335.	5.7	160
11	Co-targeting RNA Polymerases IV and V Promotes Efficient De Novo DNA Methylation in <i>Arabidopsis</i> . Cell, 2019, 176, 1068-1082.e19.	28.9	124
12	Transcriptional Diversification and Functional Conservation between DELLA Proteins in <i>Arabidopsis</i> . Molecular Biology and Evolution, 2010, 27, 1247-1256.	8.9	123
13	DNA methylation in plants: mechanisms and tools for targeted manipulation. New Phytologist, 2020, 227, 38-44.	7.3	116
14	RNA-directed DNA methylation involves co-transcriptional small-RNA-guided slicing of polymerase V transcripts in <i>Arabidopsis</i> . Nature Plants, 2018, 4, 181-188.	9.3	106
15	Hierarchy of hormone action controlling apical hook development in <i>Arabidopsis</i> . Plant Journal, 2011, 67, 622-634.	5.7	92
16	DNA methylome of the 20-gigabase Norway spruce genome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8106-E8113.	7.1	85
17	DNA methylation-linked chromatin accessibility affects genomic architecture in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	70
18	DELLA-Induced Early Transcriptional Changes during Etiolated Development in <i>Arabidopsis thaliana</i> . PLoS ONE, 2011, 6, e23918.	2.5	63

#	ARTICLE	IF	CITATIONS
19	A Hormonal Regulatory Module That Provides Flexibility to Tropic Responses. <i>Plant Physiology</i> , 2011, 156, 1819-1825.	4.8	33
20	CryoEM structures of Arabidopsis DDR complexes involved in RNA-directed DNA methylation. <i>Nature Communications</i> , 2019, 10, 3916.	12.8	31
21	Identification of Multiple Proteins Coupling Transcriptional Gene Silencing to Genome Stability in Arabidopsis thaliana. <i>PLoS Genetics</i> , 2016, 12, e1006092.	3.5	30
22	Arabidopsis MORC proteins function in the efficient establishment of RNA directed DNA methylation. <i>Nature Communications</i> , 2021, 12, 4292.	12.8	28
23	The characterization of Mediator 12 and 13 as conditional positive gene regulators in Arabidopsis. <i>Nature Communications</i> , 2020, 11, 2798.	12.8	22
24	Ectopic targeting of CG DNA methylation in Arabidopsis with the bacterial SssI methyltransferase. <i>Nature Communications</i> , 2021, 12, 3130.	12.8	20
25	Comprehensive identification of SWI/SNF complex subunits underpins deep eukaryotic ancestry and reveals new plant components. <i>Communications Biology</i> , 2022, 5, .	4.4	17