

# Javier Gallego-Bartolome

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8246683/javier-gallego-bartolome-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Ectopic targeting of CG DNA methylation in Arabidopsis with the bacterial Sssl methyltransferase. <i>Nature Communications</i> , <b>2021</b> , 12, 3130	17.4	6
23	Arabidopsis MORC proteins function in the efficient establishment of RNA directed DNA methylation. <i>Nature Communications</i> , <b>2021</b> , 12, 4292	17.4	4
22	DNA methylation-linked chromatin accessibility affects genomic architecture in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	12
21	The characterization of Mediator 12 and 13 as conditional positive gene regulators in Arabidopsis. <i>Nature Communications</i> , <b>2020</b> , 11, 2798	17.4	6
20	DNA methylation in plants: mechanisms and tools for targeted manipulation. <i>New Phytologist</i> , <b>2020</b> , 227, 38-44	9.8	45
19	CryoEM structures of Arabidopsis DDR complexes involved in RNA-directed DNA methylation. <i>Nature Communications</i> , <b>2019</b> , 10, 3916	17.4	12
18	Co-targeting RNA Polymerases IV and V Promotes Efficient De Novo DNA Methylation in Arabidopsis. <i>Cell</i> , <b>2019</b> , 176, 1068-1082.e19	56.2	68
17	Site-specific manipulation of Arabidopsis loci using CRISPR-Cas9 SunTag systems. <i>Nature Communications</i> , <b>2019</b> , 10, 729	17.4	114
16	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> , <b>2018</b> , 115, E2125-E2134	11.5	128
15	RNA-directed DNA methylation involves co-transcriptional small-RNA-guided slicing of polymerase V transcripts in Arabidopsis. <i>Nature Plants</i> , <b>2018</b> , 4, 181-188	11.5	51
14	A DNA methylation reader complex that enhances gene transcription. <i>Science</i> , <b>2018</b> , 362, 1182-1186	33.3	103
13	Identification of Multiple Proteins Coupling Transcriptional Gene Silencing to Genome Stability in Arabidopsis thaliana. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006092	6	18
12	DNA methylome of the 20-gigabase Norway spruce genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E8106-E8113	11.5	56
11	A One Precursor One siRNA Model for Pol IV-Dependent siRNA Biogenesis. <i>Cell</i> , <b>2015</b> , 163, 445-55	56.2	166
10	Mechanism of DNA methylation-directed histone methylation by KRYPTONITE. <i>Molecular Cell</i> , <b>2014</b> , 55, 495-504	17.6	120
9	Molecular mechanism of action of plant DRM de novo DNA methyltransferases. <i>Cell</i> , <b>2014</b> , 157, 1050-60	56.2	179
8	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> , <b>2012</b> , 109, 13446-51	11.5	254

7	DELLA-induced early transcriptional changes during etiolated development in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e23918	3.7	55
6	Hierarchy of hormone action controlling apical hook development in <i>Arabidopsis</i> . <i>Plant Journal</i> , <b>2011</b> , 67, 622-34	6.9	80
5	Polarization of PIN3-dependent auxin transport for hypocotyl gravitropic response in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , <b>2011</b> , 67, 817-26	6.9	138
4	A hormonal regulatory module that provides flexibility to tropic responses. <i>Plant Physiology</i> , <b>2011</b> , 156, 1819-25	6.6	30
3	Transcriptional diversification and functional conservation between DELLA proteins in <i>Arabidopsis</i> . <i>Molecular Biology and Evolution</i> , <b>2010</b> , 27, 1247-56	8.3	102
2	Hormonal regulation of temperature-induced growth in <i>Arabidopsis</i> . <i>Plant Journal</i> , <b>2009</b> , 60, 589-601	6.9	205
1	Gibberellins modulate light signaling pathways to prevent <i>Arabidopsis</i> seedling de-etiolation in darkness. <i>Plant Journal</i> , <b>2008</b> , 53, 324-35	6.9	136