Israel Ausin

List of Publications by Year
in descending order

21 papers	2,136 citations	361045 20 h-index	713013 21 g-index
22 all docs	22 docs citations	22 times ranked	3414 citing authors

#	Article	IF	Citations
1	Regulation of flowering time by FVE, a retinoblastoma-associated protein. Nature Genetics, 2004, 36, 162-166.	9.4	347
2	A One Precursor One siRNA Model for Pol IV-Dependent siRNA Biogenesis. Cell, 2015, 163, 445-455.	13.5	260
3	A Protein Complex Required for Polymerase V Transcripts and RNA- Directed DNA Methylation in Arabidopsis. Current Biology, 2010, 20, 951-956.	1.8	195
4	DOMAINS REARRANGED METHYLTRANSFERASE3 controls DNA methylation and regulates RNA polymerase V transcript abundance in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 911-916.	3.3	192
5	Environmental regulation of flowering. International Journal of Developmental Biology, 2005, 49, 689-705.	0.3	149
6	CG gene body DNA methylation changes and evolution of duplicated genes in cassava. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13729-13734.	3.3	129
7	The <scp>TRANSPLANTA</scp> collection of <scp>A</scp>rabidopsis lines: a resource for functional analysis of transcription factors based on their conditional overexpression. Plant Journal, 2014, 77, 944-953.	2.8	104
8	IDN1 and IDN2 are required for de novo DNA methylation in Arabidopsis thaliana. Nature Structural and Molecular Biology, 2009, 16, 1325-1327.	3.6	98
9	INVOLVED IN DE NOVO 2-containing complex involved in RNA-directed DNA methylation in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8374-8381.	3.3	85
10	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.	3.3	85
11	Involvement of a Jumonjiâ€C domainâ€containing histone demethylase in DRM2â€mediated maintenance of DNA methylation. EMBO Reports, 2010, 11, 950-955.	2.0	78
12	The splicing factor SR45 affects the RNA-directed DNA methylation pathway in Arabidopsis. Epigenetics, 2012, 7, 29-33.	1.3	68
13	Identification of genes required for de novo DNA methylation in Arabidopsis. Epigenetics, 2011, 6, 344-354.	1.3	64
14	Arabidopsis SWR1-associated protein methyl-CpG-binding domain 9 is required for histone H2A.Z deposition. Nature Communications, 2019, 10, 3352.	5.8	60
15	<scp>FE</scp>, a phloemâ€specific Mybâ€related protein, promotes flowering through transcriptional activation of <i><scp>FLOWERING LOCUS</scp> T</i> and <i><scp>FLOWERING LOCUS</scp> T <scp>INTERACTING PROTEIN</scp> 1</i>. Plant Journal, 2015, 83, 1059-1068.	2.8	53
16	Large-scale comparative epigenomics reveals hierarchical regulation of non-CG methylation in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1069-E1074.	3.3	51
17	Natural Variation Identifies ICARUS1, a Universal Gene Required for Cell Proliferation and Growth at High Temperatures in Arabidopsis thaliana. PLoS Genetics, 2015, 11, e1005085.	1.5	34
18	Environmental and genetic interactions reveal <i>FLOWERING LOCUS</i> <i>C</i> as a modulator of the natural variation for the plasticity of flowering in Arabidopsis. Plant, Cell and Environment, 2016, 39, 282-294.	2.8	29

#	Article	IF	Citations
19	SNF2 chromatin remodeler-family proteins FRG1 and -2 are required for RNA-directed DNA methylation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17666-17671.	3.3	27
20	NAP1-RELATED PROTEIN1 and 2 negatively regulate H2A.Z abundance in chromatin in Arabidopsis. Nature Communications, 2020, 11, 2887.	5.8	25
21	Genetic Interactions and Molecular Evolution of the Duplicated Genes <i>ICARUS2</i> and <i>ICARUS1</i> Help Arabidopsis Plants Adapt to Different Ambient Temperatures. Plant Cell, 2019, 31, 1222-1237.	3.1	3