

Iva Mozgova

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,450
citations

471509

17
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

1898
citing authors

#	ARTICLE	IF	CITATIONS
1	The Polycomb Group Protein Regulatory Network. Annual Review of Plant Biology, 2015, 66, 269-296.	18.7	222
2	Arabidopsis MSI1 connects LHP1 to PRC2 complexes. EMBO Journal, 2013, 32, 2073-2085.	7.8	196
3	Keeping the gate closed: functions of the polycomb repressive complex <sc>PRC</sc>2 in development. Plant Journal, 2015, 83, 121-132.	5.7	133
4	Subnuclear partitioning of rRNA genes between the nucleolus and nucleoplasm reflects alternative epiallelic states. Genes and Development, 2013, 27, 1545-1550.	5.9	115
5	PRC2 Represses Hormone-Induced Somatic Embryogenesis in Vegetative Tissue of Arabidopsis thaliana. PLoS Genetics, 2017, 13, e1006562.	3.5	105
6	Dysfunction of Chromatin Assembly Factor 1 Induces Shortening of Telomeres and Loss of 45S rDNA in Arabidopsis thaliana. Plant Cell, 2010, 22, 2768-2780.	6.6	86
7	H2A deubiquitinases UBP12/13 are part of the Arabidopsis polycomb group protein system. Nature Plants, 2016, 2, 16126.	9.3	66
8	Chromatin assembly factor CAF-1 represses priming of plant defence response genes. Nature Plants, 2015, 1, 15127.	9.3	62
9	Homology-dependent repair is involved in 45S rDNA loss in plant CAF-1 mutants. Plant Journal, 2015, 81, 198-209.	5.7	42
10	Convergent evolution of complex genomic rearrangements in two fungal meiotic drive elements. Nature Communications, 2018, 9, 4242.	12.8	40
11	Phytohormone and Chromatin Crosstalk: The Missing Link For Developmental Plasticity?. Frontiers in Plant Science, 2019, 10, 395.	3.6	39
12	Variation of 45S rDNA intergenic spacers in Arabidopsis thaliana. Plant Molecular Biology, 2016, 92, 457-471.	3.9	35
13	Functional characterization of domains in AtTRB1, a putative telomere-binding protein in Arabidopsis thaliana. Phytochemistry, 2008, 69, 1814-1819.	2.9	34
14	Phenotypic reversion in fas mutants of Arabidopsis thaliana by reintroduction of FAS genes: variable recovery of telomeres with major spatial rearrangements and transcriptional reprogramming of 45S rDNA genes. Plant Journal, 2016, 88, 411-424.	5.7	29
15	Hypomethylating drugs efficiently decrease cytosine methylation in telomeric DNA and activate telomerase without affecting telomere lengths in tobacco cells. Plant Molecular Biology, 2011, 77, 371-380.	3.9	25
16	Epigenetic Mechanisms of Abiotic Stress Response and Memory in Plants. , 2019, , 1-64.		24
17	Structure-function relationships during transgenic telomerase expression in Arabidopsis. Physiologia Plantarum, 2013, 149, 114-126.	5.2	22
18	Arabidopsis Chromatin Assembly Factor 1 is required for occupancy and position of a subset of nucleosomes. Plant Journal, 2017, 92, 363-374.	5.7	21

#	ARTICLE	IF	CITATIONS
19	Tidying-up the plant nuclear space: domains, functions, and dynamics. <i>Journal of Experimental Botany</i> , 2020, 71, 5160-5178.	4.8	20
20	Plant chromatin, metabolism and development – an intricate crosstalk. <i>Current Opinion in Plant Biology</i> , 2021, 61, 102002.	7.1	19
21	Single-Myb-histone proteins from <i>Arabidopsis thaliana</i> : a quantitative study of telomere-binding specificity and kinetics. <i>Biochemical Journal</i> , 2009, 419, 221-230.	3.7	18
22	Molecular analysis of T-DNA insertion mutants identified putative regulatory elements in the AtTERT gene. <i>Journal of Experimental Botany</i> , 2011, 62, 5531-5545.	4.8	18
23	A telomerase-independent component of telomere loss in chromatin assembly factor 1 mutants of <i>Arabidopsis thaliana</i> . <i>Chromosoma</i> , 2013, 122, 285-293.	2.2	17
24	Transgenerational phenotype aggravation in <i>scp</i> CAF mutants reveals parent-of-origin specific epigenetic inheritance. <i>New Phytologist</i> , 2018, 220, 908-921.	7.3	15
25	Polycomb Repressive Complex 2 in Eukaryotes – An Evolutionary Perspective. <i>Epigenomes</i> , 2022, 6, 3.	1.8	15
26	Phylogenetic profiling resolves early emergence of PRC2 and illuminates its functional core. <i>Life Science Alliance</i> , 2022, 5, e202101271.	2.8	10
27	DNA-sequence-specific erasers of epigenetic memory. <i>Nature Genetics</i> , 2016, 48, 591-592.	21.4	8
28	Lost Memories of Winter: Breaking the FLC Silence. <i>Molecular Plant</i> , 2017, 10, 1477-1479.	8.3	2
29	A tribute to Lars Hennig (1970–2018). <i>Journal of Experimental Botany</i> , 2018, 69, 4989-4990.	4.8	1
30	Editorial: Chromatin Stability and Dynamics: Targeting and Recruitment of Chromatin Modifiers. <i>Frontiers in Plant Science</i> , 2021, 12, 678702.	3.6	1