

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	Polycomb Repressive Complex 2 in Eukaryotes – An Evolutionary Perspective. <i>Epigenomes</i> , 2022, 6, 3.	1.8	15
2	Phylogenetic profiling resolves early emergence of PRC2 and illuminates its functional core. <i>Life Science Alliance</i> , 2022, 5, e202101271.	2.8	10
3	Editorial: Chromatin Stability and Dynamics: Targeting and Recruitment of Chromatin Modifiers. <i>Frontiers in Plant Science</i> , 2021, 12, 678702.	3.6	1
4	Plant chromatin, metabolism and development – an intricate crosstalk. <i>Current Opinion in Plant Biology</i> , 2021, 61, 102002.	7.1	19
5	Tidying-up the plant nuclear space: domains, functions, and dynamics. <i>Journal of Experimental Botany</i> , 2020, 71, 5160-5178.	4.8	20
6	Phytohormone and Chromatin Crosstalk: The Missing Link For Developmental Plasticity?. <i>Frontiers in Plant Science</i> , 2019, 10, 395.	3.6	39
7	Epigenetic Mechanisms of Abiotic Stress Response and Memory in Plants. , 2019, , 1-64.		24
8	Transgenerational phenotype aggravation in <i>CAF-1</i> mutants reveals parent-of-origin specific epigenetic inheritance. <i>New Phytologist</i> , 2018, 220, 908-921.	7.3	15
9	A tribute to Lars Hennig (1970 – 2018). <i>Journal of Experimental Botany</i> , 2018, 69, 4989-4990.	4.8	1
10	Convergent evolution of complex genomic rearrangements in two fungal meiotic drive elements. <i>Nature Communications</i> , 2018, 9, 4242.	12.8	40
11	<i>Arabidopsis</i> Chromatin Assembly Factor 1 is required for occupancy and position of a subset of nucleosomes. <i>Plant Journal</i> , 2017, 92, 363-374.	5.7	21
12	Lost Memories of Winter: Breaking the FLC Silence. <i>Molecular Plant</i> , 2017, 10, 1477-1479.	8.3	2
13	PRC2 Represses Hormone-Induced Somatic Embryogenesis in Vegetative Tissue of <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2017, 13, e1006562.	3.5	105
14	DNA-sequence-specific erasers of epigenetic memory. <i>Nature Genetics</i> , 2016, 48, 591-592.	21.4	8
15	Variation of 45S rDNA intergenic spacers in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 2016, 92, 457-471.	3.9	35
16	Phenotypic reversion in <i>fas</i> mutants of <i>Arabidopsis thaliana</i> by reintroduction of <i>FAS</i> genes: variable recovery of telomeres with major spatial rearrangements and transcriptional reprogramming of 45S rDNA genes. <i>Plant Journal</i> , 2016, 88, 411-424.	5.7	29
17	H2A deubiquitinases UBP12/13 are part of the <i>Arabidopsis</i> polycomb group protein system. <i>Nature Plants</i> , 2016, 2, 16126.	9.3	66
18	Chromatin assembly factor CAF-1 represses priming of plant defence response genes. <i>Nature Plants</i> , 2015, 1, 15127.	9.3	62

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19	The Polycomb Group Protein Regulatory Network. Annual Review of Plant Biology, 2015, 66, 269-296.	18.7	222
20	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
21	Homologyâ€dependent repair is involved in 45<sc>S rDNA</sc> loss in plant <sc>CAF</sc>â€1 mutants. Plant Journal, 2015, 81, 198-209.	5.7	42
22	A telomerase-independent component of telomere loss in chromatin assembly factor 1 mutants of Arabidopsis thaliana. Chromosoma, 2013, 122, 285-293.	2.2	17
23	Structureâ€function relationships during transgenic telomerase expression in <i>Arabidopsis</i>. Physiologia Plantarum, 2013, 149, 114-126.	5.2	22
24	Arabidopsis MSI1 connects LHP1 to PRC2 complexes. EMBO Journal, 2013, 32, 2073-2085.	7.8	196
25	Subnuclear partitioning of rRNA genes between the nucleolus and nucleoplasm reflects alternative epiallelic states. Genes and Development, 2013, 27, 1545-1550.	5.9	115
26	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
27	Molecular analysis of T-DNA insertion mutants identified putative regulatory elements in the AtTERT gene. Journal of Experimental Botany, 2011, 62, 5531-5545.	4.8	18
28	Dysfunction of Chromatin Assembly Factor 1 Induces Shortening of Telomeres and Loss of 45S rDNA in <i>Arabidopsis thaliana</i>. Plant Cell, 2010, 22, 2768-2780.	6.6	86
29	Single-Myb-histone proteins from Arabidopsis thaliana: a quantitative study of telomere-binding specificity and kinetics. Biochemical Journal, 2009, 419, 221-230.	3.7	18
30	Functional characterization of domains in AtTRB1, a putative telomere-binding protein in Arabidopsis thaliana. Phytochemistry, 2008, 69, 1814-1819.	2.9	34