Chang Liu

List of Publications by Year
in descending order

51 papers	5,586 citations	136885 32 h-index	197736 49 g-index
62 all docs	62 docs citations	62 times ranked	6385 citing authors

#	Article	IF	Citations
1	A Repressor Complex Governs the Integration of Flowering Signals in Arabidopsis. Developmental Cell, 2008, 15, 110-120.	3.1	443
2	Regulation of Floral Patterning by Flowering Time Genes. Developmental Cell, 2009, 16, 711-722.	3.1	344
3	The Rosa genome provides new insights into the domestication of modern roses. Nature Genetics, 2018, 50, 772-777.	9.4	344
4	Direct interaction of <i>AGL24</i> and <i>SOC1</i> integrates flowering signals in <i>Arabidopsis</i>. Development (Cambridge), 2008, 135, 1481-1491.	1.2	305
5	<i>MOTHER OF FT AND TFL1</i>Regulates Seed Germination through a Negative Feedback Loop Modulating ABA Signaling in<i>Arabidopsis</i>Â Â. Plant Cell, 2010, 22, 1733-1748.	3.1	293
6	FTIP1 Is an Essential Regulator Required for Florigen Transport. PLoS Biology, 2012, 10, e1001313.	2.6	265
7	Specification of Arabidopsis floral meristem identity by repression of flowering time genes. Development (Cambridge), 2007, 134, 1901-1910.	1.2	255
8	Genome-wide analysis of local chromatin packing in <i>Arabidopsis thaliana</i>. Genome Research, 2015, 25, 246-256.	2.4	254
9	Nuclear factor Y-mediated H3K27me3 demethylation of the SOC1 locus orchestrates flowering responses of Arabidopsis. Nature Communications, 2014, 5, 4601.	5.8	238
10	Prominent topologically associated domains differentiate global chromatin packing in rice from Arabidopsis. Nature Plants, 2017, 3, 742-748.	4.7	200
11	A Conserved Genetic Pathway Determines Inflorescence Architecture in Arabidopsis and Rice. Developmental Cell, 2013, 24, 612-622.	3.1	193
12	Genome-wide analysis of chromatin packing in <i>Arabidopsis thaliana</i> at single-gene resolution. Genome Research, 2016, 26, 1057-1068.	2.4	187
13	Integration of cytokinin and gibberellin signalling by Arabidopsis transcription factors GIS, ZFP8 and GIS2 in the regulation of epidermal cell fate. Development (Cambridge), 2007, 134, 2073-2081.	1.2	178
14	R-Loop Mediated trans Action of the APOLO Long Noncoding RNA. Molecular Cell, 2020, 77, 1055-1065.e4.	4.5	164
15	Genomeâ€wide identification of SOC1 and SVP targets during the floral transition in Arabidopsis. Plant Journal, 2012, 70, 549-561.	2.8	161
16	Chromatin Organization in Early Land Plants Reveals an Ancestral Association between H3K27me3, Transposons, and Constitutive Heterochromatin. Current Biology, 2020, 30, 573-588.e7.	1.8	160
17	GLABROUS INFLORESCENCE STEMS Modulates the Regulation by Gibberellins of Epidermal Differentiation and Shoot Maturation in Arabidopsis. Plant Cell, 2006, 18, 1383-1395.	3.1	134
18	Coming into bloom: the specification of floral meristems. Development (Cambridge), 2009, 136, 3379-3391.	1.2	127

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19	Arabidopsis ARGONAUTE 1 Binds Chromatin to Promote Gene Transcription in Response to Hormones and Stresses. Developmental Cell, 2018, 44, 348-361.e7.	3.1	121
20	Three-dimensional chromatin packing and positioning of plant genomes. Nature Plants, 2018, 4, 521-529.	4.7	100
21	Wheat chromatin architecture is organized in genome territories and transcription factories. Genome Biology, 2020, 21, 104.	3.8	99
22	easyGWAS: A Cloud-Based Platform for Comparing the Results of Genome-Wide Association Studies. Plant Cell, 2017, 29, 5-19.	3.1	98
23	Nonrandom domain organization of the <i>Arabidopsis</i> genome at the nuclear periphery. Genome Research, 2017, 27, 1162-1173.	2.4	96
24	Altered chromatin compaction and histone methylation drive non-additive gene expression in an interspecific Arabidopsis hybrid. Genome Biology, 2017, 18, 157.	3.8	86
25	Plant lamin-like proteins mediate chromatin tethering at the nuclear periphery. Genome Biology, 2019, 20, 87.	3.8	79
26	Pseudo-chromosomeâ€"length genome assembly of a double haploid â€œBartlettâ€• pear (Pyrus communis L.). GigaScience, 2019, 8, .	3.3	76
27	Gradual evolution of allopolyploidy in Arabidopsis suecica. Nature Ecology and Evolution, 2021, 5, 1367-1381.	3.4	64
28	Chromatin in 3D: progress and prospects for plants. Genome Biology, 2015, 16, 170.	3.8	61
29	Marchantia TCP transcription factor activity correlates with three-dimensional chromatin structure. Nature Plants, 2020, 6, 1250-1261.	4.7	46
30	Gamete binning: chromosome-level and haplotype-resolved genome assembly enabled by high-throughput single-cell sequencing of gamete genomes. Genome Biology, 2020, 21, 306.	3.8	44
31	A spatiotemporally regulated transcriptional complex underlies heteroblastic development of leaf hairs in <i>Arabidopsis thaliana</i>. EMBO Journal, 2019, 38, .	3.5	41
32	Pin1At Encoding a Peptidyl-Prolyl cis/trans Isomerase Regulates Flowering Time in Arabidopsis. Molecular Cell, 2010, 37, 112-122.	4.5	40
33	Improved Reference Genome Uncovers Novel Sex-Linked Regions in the Guppy (Poecilia reticulata). Genome Biology and Evolution, 2020, 12, 1789-1805.	1.1	36
34	Identification of the sex-determining factor in the liverwort Marchantia polymorpha reveals unique evolution of sex chromosomes in a haploid system. Current Biology, 2021, 31, 5522-5532.e7.	1.8	36
35	Arabidopsis RNA processing factor SERRATE regulates the transcription of intronless genes. ELife, 2018, 7, .	2.8	32
36	Chromatin domains in space and their functional implications. Current Opinion in Plant Biology, 2020, 54, 1-10.	3.5	26

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37	Implications of liquidâ€"liquid phase separation in plant chromatin organization and transcriptional control. Current Opinion in Genetics and Development, 2019, 55, 59-65.	1.5	20
38	Tidying-up the plant nuclear space: domains, functions, and dynamics. Journal of Experimental Botany, 2020, 71, 5160-5178.	2.4	20
39	In Situ Hi-C Library Preparation for Plants to Study Their Three-Dimensional Chromatin Interactions on a Genome-Wide Scale. Methods in Molecular Biology, 2017, 1629, 155-166.	0.4	19
40	Chromatin accessibility landscapes activated by cell-surface and intracellular immune receptors. Journal of Experimental Botany, 2021, 72, 7927-7941.	2.4	14
41	Spatial Features and Functional Implications of Plant 3D Genome Organization. Annual Review of Plant Biology, 2022, 73, 173-200.	8.6	13
42	Characterization of a Plant Nuclear Matrix Constituent Protein in Liverwort. Frontiers in Plant Science, 2021, 12, 670306.	1.7	12
43	Rice <i>RS2â€9</i>, which is bound by transcription factor OSH1, blocks enhancerâ€"promoter interactions in plants. Plant Journal, 2022, 109, 541-554.	2.8	6
44	Not just gene expression: 3D implications of chromatin modifications during sexual plant reproduction. Plant Cell Reports, 2018, 37, 11-16.	2.8	4
45	Isolation of Lineage Specific Nuclei Based on Distinct Endoreduplication Levels and Tissue-Specific Markers to Study Chromatin Accessibility Landscapes. Plants, 2020, 9, 1478.	1.6	4
46	Study of Cell-Type-Specific Chromatin Organization: In Situ Hi-C Library Preparation for Low-Input Plant Materials. Methods in Molecular Biology, 2020, 2093, 115-127.	0.4	4
47	DYT6 mutated THAP1 is a cell type dependent regulator of the SP1 family. Brain, 2022, 145, 3968-3984.	3.7	4
48	CHROMOMETHYLTRANSFERASE3/KRYPTONITE maintains the <i>sulfurea</i> paramutation in <i>Solanum lycopersicum</i>. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2112240119.	3.3	4
49	Organization and epigenomic control of RNA polymerase III-transcribed genes in plants. Current Opinion in Plant Biology, 2022, 67, 102199.	3.5	3
50	Genome-Wide Identification of Chromatin Domains Anchored at the Nuclear Periphery in Plants. Methods in Molecular Biology, 2018, 1830, 381-393.	0.4	0
51	Altered H3K27 trimethylation contributes to flowering time variations in polyploid <i>Arabidopsis thaliana</i> ecotypes. Journal of Experimental Botany, 2022, 73, 1402-1414.	2.4	0