

Jun Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,208
citations

471509

17
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

2959
citing authors

#	ARTICLE	IF	CITATIONS
1	H2A.Z contributes to trithorax activity at the AGAMOUS locus. <i>Molecular Plant</i> , 2022, 15, 207-210.	8.3	2
2	Genome-edited powdery mildew resistance in wheat without growth penalties. <i>Nature</i> , 2022, 602, 455-460.	27.8	181
3	Chromatin remodeling complexes regulate genome architecture in Arabidopsis. <i>Plant Cell</i> , 2022, 34, 2638-2651.	6.6	24
4	LEAFY is a pioneer transcription factor and licenses cell reprogramming to floral fate. <i>Nature Communications</i> , 2021, 12, 626.	12.8	68
5	Dissecting the plant chromatin interactome using mass spectrometry. <i>Trends in Biotechnology</i> , 2021, , .	9.3	0
6	PRC2 activity, recruitment, and silencing: a comparative perspective. <i>Trends in Plant Science</i> , 2021, 26, 1186-1198.	8.8	42
7	The vernalization-induced long non-coding RNA VAS functions with the transcription factor TaRF2b to promote TaVRN1 expression for flowering in hexaploid wheat. <i>Molecular Plant</i> , 2021, 14, 1525-1538.	8.3	42
8	Integration of Transcriptional Repression and Polycomb-Mediated Silencing of <i>WUSCHEL</i> in Floral Meristems. <i>Plant Cell</i> , 2019, 31, 1488-1505.	6.6	77
9	The Protein Modifications of <i>O</i> -GlcNAcylation and Phosphorylation Mediate Vernalization Response for Flowering in Winter Wheat. <i>Plant Physiology</i> , 2019, 180, 1436-1449.	4.8	34
10	<i>Arabidopsis O</i> -GlcNAc transferase <i>SEC</i> activates histone methyltransferase <i>ATX</i> 1 to regulate flowering. <i>EMBO Journal</i> , 2018, 37, .	7.8	47
11	Cis and trans determinants of epigenetic silencing by Polycomb repressive complex 2 in Arabidopsis. <i>Nature Genetics</i> , 2017, 49, 1546-1552.	21.4	226
12	Systematic discovery of novel eukaryotic transcriptional regulators using sequence homology independent prediction. <i>BMC Genomics</i> , 2017, 18, 480.	2.8	12
13	Developmental transitions: integrating environmental cues with hormonal signaling in the chromatin landscape in plants. <i>Genome Biology</i> , 2017, 18, 88.	8.8	47
14	Tug of war: adding and removing histone lysine methylation in Arabidopsis. <i>Current Opinion in Plant Biology</i> , 2016, 34, 41-53.	7.1	121
15	<i>AtJAC1</i> Regulates Nuclear Accumulation of GRP7, Influencing RNA Processing of FLC Antisense Transcripts and Flowering Time in Arabidopsis. <i>Plant Physiology</i> , 2015, 169, pp.00801.2015.	4.8	29
16	Auxin-regulated chromatin switch directs acquisition of flower primordium founder fate. <i>ELife</i> , 2015, 4, e09269.	6.0	187
17	<i>COLD1</i> Confers Chilling Tolerance in Rice. <i>Cell</i> , 2015, 160, 1209-1221.	28.9	724
18	Polycomb repression in the regulation of growth and development in Arabidopsis. <i>Current Opinion in Plant Biology</i> , 2015, 23, 15-24.	7.1	153

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19	O-GlcNAc-mediated interaction between VER2 and TaGRP2 elicits TaVRN1 mRNA accumulation during vernalization in winter wheat. <i>Nature Communications</i> , 2014, 5, 4572.	12.8	108
20	Requirement of histone acetyltransferases HAM1 and HAM2 for epigenetic modification of FLC in regulating flowering in Arabidopsis. <i>Journal of Plant Physiology</i> , 2013, 170, 444-451.	3.5	66
21	A Semi-fragile Watermarking Tolerant of Laplacian Sharpening. , 2008, , .		10