

Jun Xiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/983682/publications.pdf>

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 | COLD1 Confers Chilling Tolerance in Rice. <i>Cell</i> , 2015, 160, 1209-1221. | 28.9 | 724 |
| 2 | 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 |
| 3 | Auxin-regulated chromatin switch directs acquisition of flower primordium founder fate. <i>ELife</i> , 2015, 4, e09269. | 6.0 | 187 |
| 4 | Genome-edited powdery mildew resistance in wheat without growth penalties. <i>Nature</i> , 2022, 602, 455-460. | 27.8 | 181 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 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 | LEAFY is a pioneer transcription factor and licenses cell reprogramming to floral fate. <i>Nature Communications</i> , 2021, 12, 626. | 12.8 | 68 |
| 10 | 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 |
| 11 | Developmental transitions: integrating environmental cues with hormonal signaling in the chromatin landscape in plants. <i>Genome Biology</i> , 2017, 18, 88. | 8.8 | 47 |
| 12 | <i>Arabidopsis</i> O-GlcNAc transferase <i>SEC</i> activates histone methyltransferase <i>ATX</i> 1 to regulate flowering. <i>EMBO Journal</i> , 2018, 37, . | 7.8 | 47 |
| 13 | PRC2 activity, recruitment, and silencing: a comparative perspective. <i>Trends in Plant Science</i> , 2021, 26, 1186-1198. | 8.8 | 42 |
| 14 | 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 |
| 15 | The Protein Modifications of O-GlcNAcylation and Phosphorylation Mediate Vernalization Response for Flowering in Winter Wheat. <i>Plant Physiology</i> , 2019, 180, 1436-1449. | 4.8 | 34 |
| 16 | AtJAC1 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 |
| 17 | Chromatin remodeling complexes regulate genome architecture in Arabidopsis. <i>Plant Cell</i> , 2022, 34, 2638-2651. | 6.6 | 24 |
| 18 | Systematic discovery of novel eukaryotic transcriptional regulators using sequence homology independent prediction. <i>BMC Genomics</i> , 2017, 18, 480. | 2.8 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A Semi-fragile Watermarking Tolerant of Laplacian Sharpening. , 2008, , . | | 10 |
| 20 | H2A.Z contributes to trithorax activity at the AGAMOUS locus. Molecular Plant, 2022, 15, 207-210. | 8.3 | 2 |
| 21 | Dissecting the plant chromatin interactome using mass spectrometry. Trends in Biotechnology, 2021, , . | 9.3 | 0 |