

Hui Shi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,877
citations

516710

16
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

2358
citing authors

#	ARTICLE	IF	CITATIONS
1	A Quartet of PIF bHLH Factors Provides a Transcriptionally Centered Signaling Hub That Regulates Seedling Morphogenesis through Differential Expression-Patterning of Shared Target Genes in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2013, 9, e1003244.	3.5	346
2	EIN3/EIL1 cooperate with PIF1 to prevent photo-oxidation and to promote greening of <i>Arabidopsis</i> seedlings. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21431-21436.	7.1	234
3	Salt-Induced Stabilization of EIN3/EIL1 Confers Salinity Tolerance by Deterring ROS Accumulation in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2014, 10, e1004664.	3.5	230
4	A Molecular Framework of Light-Controlled Phytohormone Action in <i>Arabidopsis</i> . <i>Current Biology</i> , 2012, 22, 1530-1535.	3.9	194
5	Ethylene-orchestrated circuitry coordinates a seedling's response to soil cover and etiolated growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3913-3920.	7.1	142
6	HFR1 Sequesters PIF1 to Govern the Transcriptional Network Underlying Light-Initiated Seed Germination in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 3770-3784.	6.6	128
7	Seedlings Transduce the Depth and Mechanical Pressure of Covering Soil Using COP1 and Ethylene to Regulate EBF1/EBF2 for Soil Emergence. <i>Current Biology</i> , 2016, 26, 139-149.	3.9	120
8	The Red Light Receptor Phytochrome B Directly Enhances Substrate-E3 Ligase Interactions to Attenuate Ethylene Responses. <i>Developmental Cell</i> , 2016, 39, 597-610.	7.0	91
9	<i>Arabidopsis</i> DET1 degrades HFR1 but stabilizes PIF1 to precisely regulate seed germination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3817-3822.	7.1	69
10	Genome-wide regulation of light-controlled seedling morphogenesis by three families of transcription factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6482-6487.	7.1	68
11	Salt Stress and Ethylene Antagonistically Regulate Nucleocytoplasmic Partitioning of COP1 to Control Seed Germination. <i>Plant Physiology</i> , 2016, 170, 2340-2350.	4.8	67
12	EIN3 and PIF3 Form an Interdependent Module That Represses Chloroplast Development in Buried Seedlings. <i>Plant Cell</i> , 2017, 29, 3051-3067.	6.6	64
13	Allosteric deactivation of PIFs and EIN3 by microproteins in light control of plant development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18858-18868.	7.1	27
14	Ethylene is crucial for cotyledon greening and seedling survival during de-etiolation. <i>Plant Signaling and Behavior</i> , 2010, 5, 739-742.	2.4	23
15	Touch-induced seedling morphological changes are determined by ethylene-regulated pectin degradation. <i>Science Advances</i> , 2020, 6, .	10.3	23
16	Oligomerization and Photo-Deoligomerization of HOOKLESS1 Controls Plant Differential Cell Growth. <i>Developmental Cell</i> , 2019, 51, 78-88.e3.	7.0	18
17	Direct Regulation of Phytohormone Actions by Photoreceptors. <i>Trends in Plant Science</i> , 2019, 24, 105-108.	8.8	17
18	Stabilizing the Transcription Factors by E3 Ligase COP1. <i>Trends in Plant Science</i> , 2017, 22, 999-1001.	8.8	14

#	ARTICLE	IF	CITATIONS
19	MicroProteins: Dynamic and accurate regulation of protein activity. Journal of Integrative Plant Biology, 2022, 64, 812-820.	8.5	2