

Zhizhong Chen

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

2,290
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

3596
citing authors

#	ARTICLE	IF	CITATIONS
1	ABO3, a WRKY transcription factor, mediates plant responses to abscisic acid and drought tolerance in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2010, 63, 417-429.	5.7	421
2	A Plasma Membrane Receptor Kinase, GHR1, Mediates Abscisic Acid- and Hydrogen Peroxide-Regulated Stomatal Movement in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 2546-2561.	6.6	341
3	DEXH Box RNA Helicase Mediated Mitochondrial Reactive Oxygen Species Production in <i>Arabidopsis</i> Mediates Crosstalk between Abscisic Acid and Auxin Signaling. <i>Plant Cell</i> , 2012, 24, 1815-1833.	6.6	257
4	Degradation of the ABA co-receptor ABI1 by PUB12/13 U-box E3 ligases. <i>Nature Communications</i> , 2015, 6, 8630.	12.8	256
5	Disruption of the cellulose synthase gene, <i>AtCesA8/IRX1</i> , enhances drought and osmotic stress tolerance in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2005, 43, 273-283.	5.7	223
6	Auxin Response Factor2 (ARF2) and Its Regulated Homeodomain Gene HB33 Mediate Abscisic Acid Response in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2011, 7, e1002172.	3.5	213
7	ABA overly-sensitive (ABO5), encoding a pentatricopeptide repeat protein required for cis-splicing of mitochondrial nad2 intron3, is involved in the abscisic acid response in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2010, 63, 749-765.	5.7	179
8	ABA-Mediated ROS in Mitochondria Regulate Root Meristem Activity by Controlling PLETHORA Expression in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2014, 10, e1004791.	3.5	175
9	Mutations in ABO1/ELO2, a Subunit of Holo-Elongator, Increase Abscisic Acid Sensitivity and Drought Tolerance in <i>Arabidopsis thaliana</i> . <i>Molecular and Cellular Biology</i> , 2006, 26, 6902-6912.	2.3	138
10	ARF2 coordinates with PLETHORAs and PINs to orchestrate ABA-mediated root meristem activity in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2017, 59, 30-43.	8.5	47
11	The <i>Arabidopsis</i> Nodulin Homeobox Factor AtNDX Interacts with AtRING1A/B and Negatively Regulates Abscisic Acid Signaling. <i>Plant Cell</i> , 2020, 32, 703-721.	6.6	29
12	Redox-Mediated Endocytosis of a Receptor-Like Kinase during Distal Stem Cell Differentiation Depends on Its Tumor Necrosis Factor Receptor Domain. <i>Plant Physiology</i> , 2019, 181, 1075-1095.	4.8	11