

Lei Zhu

List of Publications by Year in descending order

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17
papers

700
citations

840776

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888059

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18
times ranked

851
citing authors

#	ARTICLE	IF	CITATIONS
1	Arabidopsis MICROTUBULE-ASSOCIATED PROTEIN18 Functions in Directional Cell Growth by Destabilizing Cortical Microtubules. <i>Plant Cell</i> , 2007, 19, 877-889.	6.6	151
2	MDP25, A Novel Calcium Regulatory Protein, Mediates Hypocotyl Cell Elongation by Destabilizing Cortical Microtubules in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 4411-4427.	6.6	106
3	MAP18 Regulates the Direction of Pollen Tube Growth in <i>Arabidopsis</i> by Modulating F-Actin Organization. <i>Plant Cell</i> , 2013, 25, 851-867.	6.6	100
4	Rice <i>TUTOU1</i> Encodes a Suppressor of cAMP Receptor-Like Protein That Is Important for Actin Organization and Panicle Development. <i>Plant Physiology</i> , 2015, 169, 1179-1191.	4.8	59
5	The Arabidopsis CrRLK1L protein kinases BUPS1 and BUPS2 are required for normal growth of pollen tubes in the pistil. <i>Plant Journal</i> , 2018, 95, 474-486.	5.7	53
6	Arabidopsis ECAP Is a New Adaptor Protein that Connects JAZ Repressors with the TPR2 Co-repressor to Suppress Jasmonate-Responsive Anthocyanin Accumulation. <i>Molecular Plant</i> , 2020, 13, 246-265.	8.3	48
7	The Microtubule-Associated Protein MAP18 Affects ROP2 GTPase Activity during Root Hair Growth. <i>Plant Physiology</i> , 2017, 174, 202-222.	4.8	41
8	Rab1b is essential for trafficking of cellulose synthase and for hypocotyl growth in <i>Arabidopsis thaliana</i> . <i>Journal of Integrative Plant Biology</i> , 2018, 60, 1051-1069.	8.5	38
9	PCaP2 regulates nuclear positioning in growing <i>Arabidopsis thaliana</i> root hairs by modulating filamentous actin organization. <i>Plant Cell Reports</i> , 2015, 34, 1317-1330.	5.6	25
10	Maize <i>ZmRPH1</i> encodes a microtubule-associated protein that controls plant and ear height. <i>Plant Biotechnology Journal</i> , 2020, 18, 1345-1347.	8.3	17
11	<i>Basic leucine zipper 17</i> and <i>Hmg CoA reductase degradation 3A</i> are involved in salt acclimation memory in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2019, 61, 1062-1084.	8.5	13
12	Arabidopsis SYP121 acts as an ROP2 effector in the regulation of root hair tip growth. <i>Molecular Plant</i> , 2022, 15, 1008-1023.	8.3	13
13	ECAP is a key negative regulator mediating different pathways to modulate salt stress-induced anthocyanin biosynthesis in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2022, 233, 2216-2231.	7.3	12
14	The transcription factor ZmMYB69 represses lignin biosynthesis by activating <i>ZmMYB31/42</i> expression in maize. <i>Plant Physiology</i> , 2022, 189, 1916-1919.	4.8	11
15	HOMEBOX PROTEIN 24 mediates the conversion of indole-3-butyric acid to indole-3-acetic acid to promote root hair elongation. <i>New Phytologist</i> , 2021, 232, 2057-2070.	7.3	8
16	Arabidopsis QWRF1 and QWRF2 Redundantly Modulate Cortical Microtubule Arrangement in Floral Organ Growth and Fertility. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 634218.	3.7	4
17	Analysis of In Vivo ROP GTPase Activity at the Subcellular Level by Fluorescence Resonance Energy Transfer Microscopy. <i>Methods in Molecular Biology</i> , 2011, 876, 145-152.	0.9	1