

Hong Ren

List of Publications by Year in descending order

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13
papers

1,585
citations

759055

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1125617

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#	ARTICLE	IF	CITATIONS
1	SAUR Inhibition of PP2C-D Phosphatases Activates Plasma Membrane H ⁺ -ATPases to Promote Cell Expansion in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 2129-2142.	3.1	392
2	SAUR Proteins as Effectors of Hormonal and Environmental Signals in Plant Growth. <i>Molecular Plant</i> , 2015, 8, 1153-1164.	3.9	386
3	Cell surface and intracellular auxin signalling for H ⁺ fluxes in root growth. <i>Nature</i> , 2021, 599, 273-277.	13.7	128
4	TMK-based cell-surface auxin signalling activates cell-wall acidification. <i>Nature</i> , 2021, 599, 278-282.	13.7	125
5	The <i>Arabidopsis</i> D-Type Cyclin CYCD2;1 and the Inhibitor ICK2/KRP2 Modulate Auxin-Induced Lateral Root Formation. <i>Plant Cell</i> , 2011, 23, 641-660.	3.1	111
6	Degradation of the cyclin-dependent kinase inhibitor KRP1 is regulated by two different ubiquitin E3 ligases. <i>Plant Journal</i> , 2008, 53, 705-716.	2.8	97
7	A subset of plasma membrane-localized PP2C.D phosphatases negatively regulate SAUR-mediated cell expansion in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2018, 14, e1007455.	1.5	92
8	BRASSINOSTEROID-SIGNALING KINASE 3, a plasma membrane-associated scaffold protein involved in early brassinosteroid signaling. <i>PLoS Genetics</i> , 2019, 15, e1007904.	1.5	76
9	Shade Promotes Phototropism through Phytochrome B-Controlled Auxin Production. <i>Current Biology</i> , 2016, 26, 3280-3287.	1.8	69
10	Constitutive Expression of <i>Arabidopsis</i> <i>SMALL AUXIN UP RNA19</i> (<i>SAUR19</i>) in Tomato Confers Auxin-Independent Hypocotyl Elongation. <i>Plant Physiology</i> , 2017, 173, 1453-1462.	2.3	67
11	Biphasic control of cell expansion by auxin coordinates etiolated seedling development. <i>Science Advances</i> , 2022, 8, eabj1570.	4.7	19
12	CmTCP20 Plays a Key Role in Nitrate and Auxin Signaling-Regulated Lateral Root Development in <i>Chrysanthemum</i> . <i>Plant and Cell Physiology</i> , 2019, 60, 1581-1594.	1.5	13
13	Less Conserved LRRs Is Important for BRI1 Folding. <i>Frontiers in Plant Science</i> , 2019, 10, 634.	1.7	9