

Youfa Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

4,829
citations

471509

17
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

4992
citing authors

#	ARTICLE	IF	CITATIONS
1	Tip growth defective1 interacts with cellulose synthase A3 to regulate cellulose biosynthesis in Arabidopsis. <i>Plant Molecular Biology</i> , 2022, 110, 1-12.	3.9	2
2	Effect of combined arsenic and lead exposure on their uptake and translocation in Indian mustard. <i>Environmental Pollution</i> , 2021, 274, 116549.	7.5	17
3	NCP2/RHD4/SAC7, SAC6 and SAC8 phosphoinositide phosphatases are required for PtdIns4P and PtdIns(4,5)P2 homeostasis and Arabidopsis development. <i>New Phytologist</i> , 2021, 231, 713-725.	7.3	14
4	<i>AtMOB1</i> Genes Regulate Jasmonate Accumulation and Plant Development. <i>Plant Physiology</i> , 2020, 182, 1481-1493.	4.8	13
5	The ESCRT components VPS28A and VPS28B are essential for auxin-mediated plant development. <i>Plant Journal</i> , 2020, 104, 1617-1634.	5.7	9
6	Arabidopsis AGC protein kinases IREH1 and IRE3 control root skewing. <i>Journal of Genetics and Genomics</i> , 2019, 46, 259-267.	3.9	9
7	Modulation of Auxin Signaling and Development by Polyadenylation Machinery. <i>Plant Physiology</i> , 2019, 179, 686-699.	4.8	15
8	Possible Interactions between the Biosynthetic Pathways of Indole Glucosinolate and Auxin. <i>Frontiers in Plant Science</i> , 2017, 8, 2131.	3.6	81
9	NCP1/ <i>AtMOB1A</i> Plays Key Roles in Auxin-Mediated Arabidopsis Development. <i>PLoS Genetics</i> , 2016, 12, e1005923.	3.5	31
10	Auxin Overproduction in Shoots Cannot Rescue Auxin Deficiencies in Arabidopsis Roots. <i>Plant and Cell Physiology</i> , 2014, 55, 1072-1079.	3.1	202
11	The jasmonic acid signaling pathway is linked to auxin homeostasis through the modulation of <i>YUCCA8</i> and <i>YUCCA9</i> gene expression. <i>Plant Journal</i> , 2013, 74, 626-637.	5.7	178
12	Pattern of Auxin and Cytokinin Responses for Shoot Meristem Induction Results from the Regulation of Cytokinin Biosynthesis by AUXIN RESPONSE FACTOR3. <i>Plant Physiology</i> , 2012, 161, 240-251.	4.8	218
13	Conversion of tryptophan to indole-3-acetic acid by TRYPTOPHAN AMINOTRANSFERASES OF <i>ARABIDOPSIS</i> and YUCCAs in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18518-18523.	7.1	580
14	NPY Genes Play an Essential Role in Root Gravitropic Responses in Arabidopsis. <i>Molecular Plant</i> , 2011, 4, 171-179.	8.3	41
15	REVEILLE1, a Myb-like transcription factor, integrates the circadian clock and auxin pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16883-16888.	7.1	226
16	An Allelic Mutant Series of <i>ATM3</i> Reveals Its Key Role in the Biogenesis of Cytosolic Iron-Sulfur Proteins in Arabidopsis. <i>Plant Physiology</i> , 2009, 151, 590-602.	4.8	120
17	Rapid Synthesis of Auxin via a New Tryptophan-Dependent Pathway Is Required for Shade Avoidance in Plants. <i>Cell</i> , 2008, 133, 164-176.	28.9	928
18	<i>NPY</i> genes and AGC kinases define two key steps in auxin-mediated organogenesis in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 21017-21022.	7.1	139

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19	NPY1, a BTB-NPH3-like protein, plays a critical role in auxin-regulated organogenesis in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18825-18829.	7.1	125
20	Auxin Synthesized by the YUCCA Flavin Monooxygenases Is Essential for Embryogenesis and Leaf Formation in <i>Arabidopsis</i> . Plant Cell, 2007, 19, 2430-2439.	6.6	601
21	A Role for Auxin in Flower Development. Journal of Integrative Plant Biology, 2007, 49, 99-104.	8.5	112
22	Auxin biosynthesis by the YUCCA flavin monooxygenases controls the formation of floral organs and vascular tissues in <i>Arabidopsis</i> . Genes and Development, 2006, 20, 1790-1799.	5.9	997
23	Genetic and chemical analyses of the action mechanisms of sirtinol in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3129-3134.	7.1	81
24	AtCAND1, A HEAT-Repeat Protein That Participates in Auxin Signaling in <i>Arabidopsis</i> . Plant Physiology, 2004, 135, 1020-1026.	4.8	90