

Yanxia Zhang

List of Publications by Year in descending order

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11
papers

2,248
citations

840776

11
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

2493
citing authors

#	ARTICLE	IF	CITATIONS
1	Salt Tolerance Mechanisms of Plants. <i>Annual Review of Plant Biology</i> , 2020, 71, 403-433.	18.7	988
2	Rice cytochrome P450 MAX1 homologs catalyze distinct steps in strigolactone biosynthesis. <i>Nature Chemical Biology</i> , 2014, 10, 1028-1033.	8.0	340
3	The basic helix-loop-helix transcription factor CrMYC2 controls the jasmonate-responsive expression of the <i>ORCA</i> genes that regulate alkaloid biosynthesis in <i>Catharanthus roseus</i> . <i>Plant Journal</i> , 2011, 67, 61-71.	5.7	309
4	Low levels of strigolactones in roots as a component of the systemic signal of drought stress in tomato. <i>New Phytologist</i> , 2016, 212, 954-963.	7.3	152
5	Natural variation of rice strigolactone biosynthesis is associated with the deletion of two <i>MAX1</i> orthologs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2379-2384.	7.1	138
6	Engineering the plant rhizosphere. <i>Current Opinion in Biotechnology</i> , 2015, 32, 136-142.	6.6	70
7	How roots and shoots communicate through stressful times. <i>Trends in Plant Science</i> , 2021, 26, 940-952.	8.8	66
8	The tomato <i>MAX1</i> homolog, <i>SIMAX1</i> , is involved in the biosynthesis of tomato strigolactones from carlactone. <i>New Phytologist</i> , 2018, 219, 297-309.	7.3	55
9	Root dynamic growth strategies in response to salinity. <i>Plant, Cell and Environment</i> , 2022, 45, 695-704.	5.7	51
10	<i>S</i> triga hermonthica <i>MAX2</i> restores branching but not the <i>V</i> ery <i>L</i> ow <i>F</i> luence <i>R</i> esponse in the <i>A</i> rabidopsis thaliana <i>max2</i> mutant. <i>New Phytologist</i> , 2014, 202, 531-541.	7.3	40
11	Production of salidroside and tyrosol in cell suspension cultures of <i>Rhodiola crenulata</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 114, 295-303.	2.3	27