

Sheng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

251
citations

1040056

9
h-index

1199594

12
g-index

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all docs

12
docs citations

12
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	Arabidopsis ICK/KRP cyclin-dependent kinase inhibitors function to ensure the formation of one megaspore mother cell and one functional megaspore per ovule. <i>PLoS Genetics</i> , 2018, 14, e1007230.	3.5	41
2	Down-regulation of multiple CDK inhibitor ICK/KRP genes promotes cell proliferation, callus induction and plant regeneration in Arabidopsis. <i>Frontiers in Plant Science</i> , 2015, 6, 825.	3.6	40
3	Arabidopsis ubiquitin-conjugating enzyme UBC22 is required for female gametophyte development and likely involved in Lys11-linked ubiquitination. <i>Journal of Experimental Botany</i> , 2016, 67, 3277-3288.	4.8	39
4	RAD5a and REV3 function in two alternative pathways of DNA-damage tolerance in Arabidopsis. <i>DNA Repair</i> , 2011, 10, 620-628.	2.8	29
5	The ARP2/3 complex, acting cooperatively with Class I formins, modulates penetration resistance in Arabidopsis against powdery mildew invasion. <i>Plant Cell</i> , 2021, 33, 3151-3175.	6.6	23
6	Arabidopsis Seed Stored mRNAs are Degraded Constantly over Aging Time, as Revealed by New Quantification Methods. <i>Frontiers in Plant Science</i> , 2019, 10, 1764.	3.6	21
7	Protein Levels of Several Arabidopsis Auxin Response Factors Are Regulated by Multiple Factors and ABA Promotes ARF6 Protein Ubiquitination. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9437.	4.1	18
8	A short motif in Arabidopsis <scp>CDK</scp> inhibitor <scp>ICK</scp>1 decreases the protein level, probably through a ubiquitin-independent mechanism. <i>Plant Journal</i> , 2016, 87, 617-628.	5.7	12
9	Arabidopsis Ubiquitin-Conjugating Enzymes UBC7, UBC13, and UBC14 Are Required in Plant Responses to Multiple Stress Conditions. <i>Plants</i> , 2020, 9, 723.	3.5	12
10	Arabidopsis UBC22, an E2 able to catalyze lysine-11 specific ubiquitin linkage formation, has multiple functions in plant growth and immunity. <i>Plant Science</i> , 2020, 297, 110520.	3.6	10
11	The Inactivation of Arabidopsis UBC22 Results in Abnormal Chromosome Segregation in Female Meiosis, but Not in Male Meiosis. <i>Plants</i> , 2021, 10, 2418.	3.5	5
12	In vitro Ubiquitin Dimer Formation Assay. <i>Bio-protocol</i> , 2017, 7, e2082.	0.4	1