Xu Wang

List of Publications by Year
in descending order

20 papers	818 citations	643344 15 h-index	843174 20 g-index
21 all docs	21 docs citations	21 times ranked	1127 citing authors

#	Article	IF	Citations
1	Differential photoregulation of the nuclear and cytoplasmic CRY1 in Arabidopsis. New Phytologist, 2022, 234, 1332-1346.	3.5	21
2	The Ubiquity and Development-Related Abundance Dynamics of Ophiocordyceps Fungi in Soft Scale Insects. Microorganisms, 2021, 9, 404.	1.6	5
3	Regulation of Arabidopsis photoreceptor CRY2 by two distinct E3 ubiquitin ligases. Nature Communications, 2021, 12, 2155.	5.8	28
4	A photoregulatory mechanism of the circadian clock in Arabidopsis. Nature Plants, 2021, 7, 1397-1408.	4.7	76
5	Nup96 and HOS1 Are Mutually Stabilized and Gate CONSTANS Protein Level, Conferring Long-Day Photoperiodic Flowering Regulation in Arabidopsis. Plant Cell, 2020, 32, 374-391.	3.1	39
6	Photooligomerization Determines Photosensitivity and Photoreactivity of Plant Cryptochromes. Molecular Plant, 2020, 13, 398-413.	3.9	42
7	Characterization of Flowering Time Mutants. Methods in Molecular Biology, 2019, 2026, 193-199.	0.4	1
8	Dynamics of global institutional collaboration in insect taxonomy reveal imbalance of taxonomic effort. Insect Conservation and Diversity, 2019, 12, 18-28.	1.4	4
9	New insights into the mechanisms of phytochromeâ€“cryptochrome coaction. New Phytologist, 2018, 217, 547-551.	3.5	38
10	Beyond the photocycle â€” how cryptochromes regulate photoresponses in plants?. Current Opinion in Plant Biology, 2018, 45, 120-126.	3.5	61
11	Molecular basis for blue light-dependent phosphorylation of Arabidopsis cryptochrome 2. Nature Communications, 2017, 8, 15234.	5.8	81
12	Two SUMO Proteases SUMO PROTEASE RELATED TO FERTILITY1 and 2 Are Required for Fertility in Arabidopsis. Plant Physiology, 2017, 175, 1703-1719.	2.3	31
13	A <scp>CRY</scp>â€“<scp>BIC</scp> negativeâ€feedback circuitry regulating blue light sensitivity of Arabidopsis. Plant Journal, 2017, 92, 426-436.	2.8	53
14	Using HEK293T Expression System to Study Photoactive Plant Cryptochromes. Frontiers in Plant Science, 2016, 7, 940.	1.7	20
15	The Blue Light-Dependent Polyubiquitination and Degradation of Arabidopsis Cryptochrome2 Requires Multiple E3 Ubiquitin Ligases. Plant and Cell Physiology, 2016, 57, 2175-2186.	1.5	23
16	Photoactivation and inactivation of Arabidopsis cryptochrome 2. Science, 2016, 354, 343-347.	6.0	149
17	Construction and Validation of a Dual-Transgene Vector System for Stable Transformation in Plants. Journal of Genetics and Genomics, 2016, 43, 207-215.	1.7	12
18	Trp triad-dependent rapid photoreduction is not required for the function of Arabidopsis CRY1. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9135-9140.	3.3	57

#	Article	IF	Citations
19	Cryptochrome-Mediated Light Responses in Plants. The Enzymes, 2014, 35, 167-189.	0.7	37
20	BioVector, a flexible system for gene specific-expression in plants. BMC Plant Biology, 2013, 13, 198.	1.6	38