

Hong-Quan Yang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	The C Termini of Arabidopsis Cryptochromes Mediate a Constitutive Light Response. <i>Cell</i> , 2000, 103, 815-827.	28.9	383
2	COP1-Mediated Ubiquitination of CONSTANS Is Implicated in Cryptochrome Regulation of Flowering in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2008, 20, 292-306.	6.6	355
3	From The Cover: A role for Arabidopsis cryptochromes and COP1 in the regulation of stomatal opening. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12270-12275.	7.1	322
4	The Signaling Mechanism of Arabidopsis CRY1 Involves Direct Interaction with COP1. <i>Plant Cell</i> , 2001, 13, 2573-2587.	6.6	313
5	Blue-light-dependent interaction of cryptochrome 1 with SPA1 defines a dynamic signaling mechanism. <i>Genes and Development</i> , 2011, 25, 1023-1028.	5.9	260
6	Strigolactone/MAX2-Induced Degradation of Brassinosteroid Transcriptional Effector BES1 Regulates Shoot Branching. <i>Developmental Cell</i> , 2013, 27, 681-688.	7.0	249
7	Cryptochromes, Phytochromes, and COP1 Regulate Light-Controlled Stomatal Development in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2009, 21, 2624-2641.	6.6	248
8	An Arabidopsis circadian clock component interacts with both CRY1 and phyB. <i>Nature</i> , 2001, 410, 487-490.	27.8	199
9	N-Terminal Domain-Mediated Homodimerization Is Required for Photoreceptor Activity of Arabidopsis CRYPTOCHROME 1. <i>Plant Cell</i> , 2005, 17, 1569-1584.	6.6	167
10	Red-Light-Dependent Interaction of phyB with SPA1 Promotes COP1-SPA1 Dissociation and Photomorphogenic Development in Arabidopsis. <i>Molecular Plant</i> , 2015, 8, 467-478.	8.3	167
11	Arabidopsis miR171-Targeted Scarecrow-Like Proteins Bind to GT cis-Elements and Mediate Gibberellin-Regulated Chlorophyll Biosynthesis under Light Conditions. <i>PLoS Genetics</i> , 2014, 10, e1004519.	3.5	149
12	COP1 and phyB Physically Interact with PIL1 to Regulate Its Stability and Photomorphogenic Development in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 2441-2456.	6.6	128
13	Photoactivated CRY1 and phyB Interact Directly with AUX/IAA Proteins to Inhibit Auxin Signaling in Arabidopsis. <i>Molecular Plant</i> , 2018, 11, 523-541.	8.3	119
14	Phytochrome B Is Involved in Mediating Red Light-Induced Stomatal Opening in Arabidopsis thaliana. <i>Molecular Plant</i> , 2010, 3, 246-259.	8.3	109
15	Auxin inhibits stomatal development through MONOPTEROS repression of a mobile peptide gene <i>STOMAGEN</i> in mesophyll. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3015-23.	7.1	108
16	Photoexcited CRYPTOCHROME1 Interacts with Dephosphorylated BES1 to Regulate Brassinosteroid Signaling and Photomorphogenesis in Arabidopsis. <i>Plant Cell</i> , 2018, 30, 1989-2005.	6.6	103
17	Strigolactone-Regulated Hypocotyl Elongation Is Dependent on Cryptochrome and Phytochrome Signaling Pathways in Arabidopsis. <i>Molecular Plant</i> , 2014, 7, 528-540.	8.3	100
18	Jasmonic acid enhancement of anthocyanin accumulation is dependent on phytochrome A signaling pathway under far-red light in Arabidopsis. <i>Biochemical and Biophysical Research Communications</i> , 2014, 454, 78-83.	2.1	82

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19	<sc>DELLA</sc> proteins physically interact with <sc>CONSTANS</sc> to regulate flowering under long days in <i>Arabidopsis</i>. FEBS Letters, 2016, 590, 541-549.	2.8	81
20	Photoexcited CRY1 and phyB interact directly with ARF6 and ARF8 to regulate their DNA-binding activity and auxin-induced hypocotyl elongation in <i>Arabidopsis</i>. New Phytologist, 2020, 225, 848-865.	7.3	79
21	The CNT1 Domain of Arabidopsis CRY1 Alone Is Sufficient to Mediate Blue Light Inhibition of Hypocotyl Elongation. Molecular Plant, 2015, 8, 822-825.	8.3	59
22	Blue Light Regulates Secondary Cell Wall Thickening via MYC2/MYC4 Activation of the <i>NST1</i>-Directed Transcriptional Network in Arabidopsis. Plant Cell, 2018, 30, 2512-2528.	6.6	59
23	phyB Interacts with BES1 to Regulate Brassinosteroid Signaling in Arabidopsis. Plant and Cell Physiology, 2019, 60, 353-366.	3.1	49
24	Photoexcited CRYPTOCHROME 1 Interacts Directly with G-Protein β Subunit AGB1 to Regulate the DNA-Binding Activity of HY5 and Photomorphogenesis in Arabidopsis. Molecular Plant, 2018, 11, 1248-1263.	8.3	46
25	Blue light-dependent interactions of CRY1 with GID1 and DELLA proteins regulate gibberellin signaling and photomorphogenesis in Arabidopsis. Plant Cell, 2021, 33, 2375-2394.	6.6	38
26	Photoexcited Cryptochrome2 Interacts Directly with TOE1 and TOE2 in Flowering Regulation. Plant Physiology, 2020, 184, 487-505.	4.8	36
27	Arabidopsis G-Protein β Subunit AGB1 Interacts with BES1 to Regulate Brassinosteroid Signaling and Cell Elongation. Frontiers in Plant Science, 2017, 8, 2225.	3.6	35
28	Arabidopsis cryptochrome 1 controls photomorphogenesis through regulation of H2A.Z deposition. Plant Cell, 2021, 33, 1961-1979.	6.6	33
29	CRY1 interacts directly with HBI1 to regulate its transcriptional activity and photomorphogenesis in Arabidopsis. Journal of Experimental Botany, 2018, 69, 3867-3881.	4.8	32
30	COP1 promotes ABA-induced stomatal closure by modulating the abundance of ABI/HAB and AHG3 phosphatases. New Phytologist, 2021, 229, 2035-2049.	7.3	32
31	Phytochrome B and AGB1 Coordinately Regulate Photomorphogenesis by Antagonistically Modulating PIF3 Stability in Arabidopsis. Molecular Plant, 2019, 12, 229-247.	8.3	27
32	A dynamic model of UVR8 photoreceptor signalling in UV-acclimated <i>Arabidopsis</i>. New Phytologist, 2020, 227, 857-866.	7.3	26
33	Transcriptome Analyses Reveal the Involvement of Both C and N Termini of Cryptochrome 1 in Its Regulation of Phytohormone-Responsive Gene Expression in Arabidopsis. Frontiers in Plant Science, 2016, 7, 294.	3.6	21
34	Phytochrome B interacts with SWC6 and ARP6 to regulate H2A.Z deposition and photomorphogenesis in <i>Arabidopsis</i>. Journal of Integrative Plant Biology, 2021, 63, 1133-1146.	8.5	20
35	<i>Arabidopsis</i> cryptochrome 1 undergoes COP1 and LRBs-dependent degradation in response to high blue light. New Phytologist, 2022, 234, 1347-1362.	7.3	15
36	Pivotal Roles of the Phytochrome-Interacting Factors in Cryptochrome Signaling. Molecular Plant, 2016, 9, 496-497.	8.3	13

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37	Phytochromes A and B Mediate Light Stabilization of BIN2 to Regulate Brassinosteroid Signaling and Photomorphogenesis in Arabidopsis. <i>Frontiers in Plant Science</i> , 2022, 13, 865019.	3.6	7
38	<i>Arabidopsis</i> cryptochrome 1 promotes stomatal development through repression of AGB1 inhibition of SPEECHLESS DNA-binding activity. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 1967-1981.	8.5	4
39	The involvement of the N-terminal PHR domain of Arabidopsis cryptochromes in mediating light signaling. <i>ABIOTECH</i> , 2021, 2, 146-155.	3.9	1