

Hong-Lei Jin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The bHLH Transcription Factor bHLH104 Interacts with IAA-LEUCINE RESISTANT3 and Modulates Iron Homeostasis in Arabidopsis. <i>Plant Cell</i> , 2015, 27, 787-805.	6.6	219
2	HYPERSENSITIVE TO HIGH LIGHT1 Interacts with LOW QUANTUM YIELD OF PHOTOSYSTEM III and Functions in Protection of Photosystem II from Photodamage in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 1213-1229.	6.6	87
3	A Putative Chloroplast-Localized Ca ²⁺ /H ⁺ Antiporter CCHA1 Is Involved in Calcium and pH Homeostasis and Required for PSII Function in Arabidopsis. <i>Molecular Plant</i> , 2016, 9, 1183-1196.	8.3	59
4	Thioredoxin and NADPH-Dependent Thioredoxin Reductase C Regulation of Tetrapyrrole Biosynthesis. <i>Plant Physiology</i> , 2017, 175, 652-666.	4.8	53
5	Optimization of Light-Harvesting Pigment Improves Photosynthetic Efficiency. <i>Plant Physiology</i> , 2016, 172, 1720-1731.	4.8	47
6	Arabidopsis CHLOROPHYLLASE 1 protects young leaves from long-term photodamage by facilitating FtsH-mediated D1 degradation in photosystem II repair. <i>Molecular Plant</i> , 2021, 14, 1149-1167.	8.3	44
7	M-type thioredoxins are involved in the xanthophyll cycle and proton motive force to alter NPQ under low-light conditions in Arabidopsis. <i>Plant Cell Reports</i> , 2018, 37, 279-291.	5.6	37
8	LOW PHOTOSYNTHETIC EFFICIENCY 1 is required for light-regulated photosystem II biogenesis in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6075-E6084.	7.1	33
9	Signaling from Plastid Genome Stability Modulates Endoreplication and Cell Cycle during Plant Development. <i>Cell Reports</i> , 2020, 32, 108019.	6.4	21
10	Light Signaling-Dependent Regulation of PSII Biogenesis and Functional Maintenance. <i>Plant Physiology</i> , 2020, 183, 1855-1868.	4.8	17
11	DELAYED GREENING 238, a Nuclear-Encoded Chloroplast Nucleoid Protein, Is Involved in the Regulation of Early Chloroplast Development and Plastid Gene Expression in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2016, 57, 2586-2599.	3.1	11
12	Plastid ribosomal protein LPE2 is involved in photosynthesis and the response to C/N balance in <i>Arabidopsis thaliana</i> . <i>Journal of Integrative Plant Biology</i> , 2020, 62, 1418-1432.	8.5	11
13	The Iron Deficiency Response Regulators IAA-LEUCINE RESISTANT3 and bHLH104 Possess Different Targets and Have Distinct Effects on Photosynthesis in Arabidopsis. <i>Journal of Plant Biology</i> , 2019, 62, 109-119.	2.1	10
14	OTP970 Is Required for RNA Editing of Chloroplast ndhB Transcripts in Arabidopsis thaliana. <i>Genes</i> , 2022, 13, 139.	2.4	4
15	Domain of Unknown Function 143 is required for the functioning of PEP-associated protein DG238 in the chloroplast. <i>Journal of Plant Biology</i> , 2017, 60, 604-611.	2.1	1