

# Jialong Li

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

7,348  
citations

61984

43  
h-index

91884

69  
g-index

71  
all docs

71  
docs citations

71  
times ranked

8512  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Mutual upregulation of HY5 and TZP in mediating phytochrome A signaling. <i>Plant Cell</i> , 2022, 34, 633-654.  | 6.6 | 13        |
| 2  | Integration of light and temperature signaling pathways in plants. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 393-411.  | 8.5 | 25        |
| 3  | COP1 positively regulates ABA signaling during Arabidopsis seedling growth in darkness by mediating ABA-induced ABI5 accumulation. <i>Plant Cell</i> , 2022, 34, 2286-2308.  | 6.6 | 17        |
| 4  | The CDC48 complex mediates ubiquitin-dependent degradation of intra-chloroplast proteins in plants. <i>Cell Reports</i> , 2022, 39, 110664.  | 6.4 | 34        |
| 5  | TIME FOR COFFEE regulates phytochrome A-mediated hypocotyl growth through dawn-phased signaling. <i>Plant Cell</i> , 2022, 34, 2907-2924.  | 6.6 | 4         |
| 6  | SICKLE represses photomorphogenic development of <i>Arabidopsis</i> seedlings via HY5 and PIF4-mediated signaling. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 1706-1723.  | 8.5 | 4         |
| 7  | Assays to Detect In Vivo Association of with Their Interacting Partners. <i>Methods in Molecular Biology</i> , 2021, 2297, 75-82.  | 0.9 | 0         |
| 8  | A LexA-based yeast two-hybrid system for studying light-switchable interactions of phytochromes with their interacting partners. <i>ABIOTECH</i> , 2021, 2, 105-116.   | 3.9 | 8         |
| 9  | FHY3 interacts with phytochrome B and regulates seed dormancy and germination. <i>Plant Physiology</i> , 2021, 187, 289-302.   | 4.8 | 17        |
| 10 | Is the Pr form of phytochrome biologically active in the nucleus?. <i>Molecular Plant</i> , 2021, 14, 535-537.   | 8.3 | 11        |
| 11 | The CRY2-COP1-HY5-BBX7/8 module regulates blue light-dependent cold acclimation in Arabidopsis. <i>Plant Cell</i> , 2021, 33, 3555-3573.   | 6.6 | 49        |
| 12 | COP9 signalosome: Discovery, conservation, activity, and function. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 90-103.   | 8.5 | 66        |
| 13 | The UBC27-AIRP3 ubiquitination complex modulates ABA signaling by promoting the degradation of ABI1 in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27694-27702. | 7.1 | 36        |
| 14 | MYB30 Is a Key Negative Regulator of Arabidopsis Photomorphogenic Development That Promotes PIF4 and PIF5 Protein Accumulation in the Light. <i>Plant Cell</i> , 2020, 32, 2196-2215.  | 6.6 | 67        |
| 15 | The cold response regulator CBF1 promotes <i>Arabidopsis</i> hypocotyl growth at ambient temperatures. <i>EMBO Journal</i> , 2020, 39, e103630.  | 7.8 | 49        |
| 16 | lbbBX24 Promotes the Jasmonic Acid Pathway and Enhances Fusarium Wilt Resistance in Sweet Potato. <i>Plant Cell</i> , 2020, 32, 1102-1123.   | 6.6 | 65        |
| 17 | PHYTOCHROME-INTERACTING FACTORS Interact with the ABA Receptors PYL8 and PYL9 to Orchestrate ABA Signaling in Darkness. <i>Molecular Plant</i> , 2020, 13, 414-430.  | 8.3 | 69        |
| 18 | Reversible SUMOylation of FHY1 Regulates Phytochrome A Signaling in Arabidopsis. <i>Molecular Plant</i> , 2020, 13, 879-893.   | 8.3 | 14        |

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|----|--|-----|-----------|
| 19 | Cold-Induced CBFâ€‘PIF3 Interaction Enhances Freezing Tolerance by Stabilizing the phyB Thermosensor in Arabidopsis. <i>Molecular Plant</i> , 2020, 13, 894-906.   | 8.3 | 128       |
| 20 | <scp>ABRE</scp>â€‘<scp>BINDING FACTORS</scp> play a role in the feedback regulation of <scp>ABA</scp> signaling by mediating rapid <scp>ABA</scp> induction of <scp>ABA</scp> coâ€‘receptor genes. <i>New Phytologist</i> , 2019, 221, 341-355.        | 7.3 | 151       |
| 21 | CsTFL1 inhibits determinate growth and terminal flower formation through interaction with CsNOT2a in cucumber (<i>Cucumis sativus</i>L.). <i>Development (Cambridge)</i> , 2019, 146, .  | 2.5 | 37        |
| 22 | Chloroplast-Localized Protoporphyrinogen IX Oxidase1 Is Involved in the Mitotic Cell Cycle in Arabidopsis. <i>Plant and Cell Physiology</i> , 2019, 60, 2436-2448.   | 3.1 | 7         |
| 23 | SEED CAROTENOID DEFICIENT Functions in Isoprenoid Biosynthesis via the Plastid MEP Pathway. <i>Plant Physiology</i> , 2019, 179, 1723-1738.  | 4.8 | 18        |
| 24 | Arabinogalactan proteinâ€‘rare earth element complexes activate plant endocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14349-14357.  | 7.1 | 52        |
| 25 | A nonâ€‘tandem <scp>CCCH</scp>â€‘type zincâ€‘finger protein, IbC3H18, functions as a nuclear transcriptional activator and enhances abiotic stress tolerance in sweet potato. <i>New Phytologist</i> , 2019, 223, 1918-1936.                           | 7.3 | 89        |
| 26 | The Transcription Factor MYB59 Regulates K<sup>+</sup>/NO<sub>3</sub><sup>-</sup> Translocation in the Arabidopsis Response to Low K<sup>+</sup> Stress. <i>Plant Cell</i> , 2019, 31, 699-714.  | 6.6 | 100       |
| 27 | EAR1 Negatively Regulates ABA Signaling by Enhancing 2C Protein Phosphatase Activity. <i>Plant Cell</i> , 2018, 30, 815-834.   | 6.6 | 111       |
| 28 | Arabidopsis MKK10-MPK6 mediates red-light-regulated opening of seedling cotyledons through phosphorylation of PIF3. <i>Journal of Experimental Botany</i> , 2018, 69, 423-439.   | 4.8 | 31        |
| 29 | TANDEM ZINC-FINGER/PLUS3 Is a Key Component of Phytochrome A Signaling. <i>Plant Cell</i> , 2018, 30, 835-852.   | 6.6 | 49        |
| 30 | Light sensing by opsins and fungal ecology: NOPâ€‘1 modulates entry into sexual reproduction in response to environmental cues. <i>Molecular Ecology</i> , 2018, 27, 216-232.  | 3.9 | 43        |
| 31 | Hinge region of <i>Arabidopsis</i> phyA plays an important role in regulating phyA function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11864-E11873.  | 7.1 | 22        |
| 32 | SEUSS and PIF4 Coordinately Regulate Light and Temperature Signaling Pathways to Control Plant Growth. <i>Molecular Plant</i> , 2018, 11, 928-942.   | 8.3 | 82        |
| 33 | <i>Arabidopsis</i> small ubiquitinâ€‘related modifier protease ASP1 positively regulates abscisic acid signaling during early seedling development. <i>Journal of Integrative Plant Biology</i> , 2018, 60, 924-937.                                   | 8.5 | 24        |
| 34 | The COP9 Signalosome regulates seed germination by facilitating protein degradation of RGL2 and ABI5. <i>PLoS Genetics</i> , 2018, 14, e1007237.   | 3.5 | 55        |
| 35 | COP1 mediates dark-specific degradation of microtubule-associated protein WDL3 in regulating <i>Arabidopsis</i> hypocotyl elongation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12321-12326. | 7.1 | 42        |
| 36 | Abnormal pinocytosis and valence-variable behaviors of cerium suggested a cellular mechanism for plant yield reduction induced by environmental cerium. <i>Environmental Pollution</i> , 2017, 230, 902-910.   | 7.5 | 23        |

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|----|---|------|-----------|
| 37 | PIF3 is a negative regulator of the <i>CBF</i> pathway and freezing tolerance in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6695-E6702.                                    | 7.1  | 215       |
| 38 | Abscisic acid. , 2017, , 161-202.   |      | 26        |
| 39 | BBX21, an <i>Arabidopsis</i> B-box protein, directly activates <i>HY5</i> and is targeted by COP1 for 26S proteasome-mediated degradation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7655-7660. | 7.1  | 204       |
| 40 | The Fast-Evolving <i>phy-2</i> Gene Modulates Sexual Development in Response to Light in the Model Fungus <i>Neurospora crassa</i> . MBio, 2016, 7, e02148.   | 4.1  | 37        |
| 41 | SCAB3 Is Required for Reorganization of Actin Filaments during Light Quality Changes. Journal of Genetics and Genomics, 2015, 42, 161-168.  | 3.9  | 5         |
| 42 | Salicylic acid biosynthesis is enhanced and contributes to increased biotrophic pathogen resistance in <i>Arabidopsis</i> hybrids. Nature Communications, 2015, 6, 7309.  | 12.8 | 93        |
| 43 | Degradation of the ABA co-receptor ABI1 by PUB12/13 U-box E3 ligases. Nature Communications, 2015, 6, 8630.   | 12.8 | 256       |
| 44 | MicroRNA408 Is Critical for the <i>HY5-SPL7</i> Gene Network That Mediates the Coordinated Response to Light and Copper Å. Plant Cell, 2015, 26, 4933-4953.   | 6.6  | 164       |
| 45 | TRANSLUCENT GREEN, an ERF Family Transcription Factor, Controls Water Balance in <i>Arabidopsis</i> by Activating the Expression of Aquaporin Genes. Molecular Plant, 2014, 7, 601-615.   | 8.3  | 79        |
| 46 | Convergence of Light and ABA Signaling on the ABI5 Promoter. PLoS Genetics, 2014, 10, e1004197.   | 3.5  | 163       |
| 47 | The RING-Finger E3 Ubiquitin Ligase COP1 SUPPRESSOR1 Negatively Regulates COP1 Abundance in Maintaining COP1 Homeostasis in Dark-Grown <i>Arabidopsis</i> Seedlings Å Å. Plant Cell, 2014, 26, 1981-1991.   | 6.6  | 41        |
| 48 | Rare earth elements activate endocytosis in plant cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12936-12941.   | 7.1  | 120       |
| 49 | Conservation and divergence of transcriptomic and epigenomic variation in maize hybrids. Genome Biology, 2013, 14, R57.   | 8.8  | 117       |
| 50 | Global identification of miRNAs and targets in <i>Populus euphratica</i> under salt stress. Plant Molecular Biology, 2013, 81, 525-539.   | 3.9  | 138       |
| 51 | UV-B-induced photomorphogenesis in <i>Arabidopsis</i> . Protein and Cell, 2013, 4, 485-492.   | 11.0 | 61        |
| 52 | <i>Arabidopsis</i> FHY3 and HY5 Positively Mediate Induction of <i>COP1</i> Transcription in Response to Photomorphogenic UV-B Light. Plant Cell, 2012, 24, 4590-4606.  | 6.6  | 157       |
| 53 | Phosphorylation of FAR-RED ELONGATED HYPOCOTYL1 Is a Key Mechanism Defining Signaling Dynamics of Phytochrome A under Red and Far-Red Light in <i>Arabidopsis</i> . Plant Cell, 2012, 24, 1907-1920.  | 6.6  | 38        |
| 54 | A Molecular Framework of Light-Controlled Phytohormone Action in <i>Arabidopsis</i> . Current Biology, 2012, 22, 1530-1535.   | 3.9  | 194       |

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|----|---|------|-----------|
| 55 | Genome-Wide Analysis of DNA Methylation and Gene Expression Changes in Two <i>Arabidopsis</i> Ecotypes and Their Reciprocal Hybrids. <i>Plant Cell</i> , 2012, 24, 875-892.   | 6.6  | 297       |
| 56 | Plant hormone jasmonate prioritizes defense over growth by interfering with gibberellin signaling cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1192-200.       | 7.1  | 697       |
| 57 | Genomic basis for light control of plant development. <i>Protein and Cell</i> , 2012, 3, 106-116.   | 11.0 | 78        |
| 58 | Phytochrome Signaling Mechanisms. <i>The Arabidopsis Book</i> , 2011, 9, e0148.   | 0.5  | 336       |
| 59 | Coordinated transcriptional regulation underlying the circadian clock in <i>Arabidopsis</i> . <i>Nature Cell Biology</i> , 2011, 13, 616-622.   | 10.3 | 245       |
| 60 | Genome-Wide Binding Site Analysis of FAR-RED ELONGATED HYPOCOTYL3 Reveals Its Novel Function in <i>Arabidopsis</i> Development. <i>Plant Cell</i> , 2011, 23, 2514-2535.  | 6.6  | 118       |
| 61 | <i>Arabidopsis</i> CULLIN4-Damaged DNA Binding Protein 1 Interacts with CONSTITUTIVELY PHOTOMORPHOGENIC1-SUPPRESSOR OF PHYA Complexes to Regulate Photomorphogenesis and Flowering Time. <i>Plant Cell</i> , 2010, 22, 108-123. | 6.6  | 182       |
| 62 | <i>Arabidopsis</i> Transcription Factor ELONGATED HYPOCOTYL5 Plays a Role in the Feedback Regulation of Phytochrome A Signaling. <i>Plant Cell</i> , 2010, 22, 3634-3649.   | 6.6  | 165       |
| 63 | DWA1 and DWA2, Two <i>Arabidopsis</i> DWD Protein Components of CUL4-Based E3 Ligases, Act Together as Negative Regulators in ABA Signal Transduction. <i>Plant Cell</i> , 2010, 22, 1716-1732.                                 | 6.6  | 230       |
| 64 | Phytochrome A Mediates Rapid Red Light-Induced Phosphorylation of <i>Arabidopsis</i> FAR-RED ELONGATED HYPOCOTYL1 in a Low Fluence Response. <i>Plant Cell</i> , 2009, 21, 494-506.   | 6.6  | 67        |
| 65 | <i>Arabidopsis</i> COP1/SPA1 Complex and FHY1/FHY3 Associate with Distinct Phosphorylated Forms of Phytochrome A in Balancing Light Signaling. <i>Molecular Cell</i> , 2008, 31, 607-613.                                       | 9.7  | 104       |
| 66 | Over-expression of a flower-specific transcription factor gene AtMYB24 causes aberrant anther development. <i>Plant Cell Reports</i> , 2007, 26, 219-228.   | 5.6  | 76        |
| 67 | Two groups of MYB transcription factors share a motif which enhances trans-activation activity. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 1155-1163.  | 2.1  | 44        |
| 68 | The MYB Transcription Factor Superfamily of <i>Arabidopsis</i> : Expression Analysis and Phylogenetic Comparison with the Rice MYB Family. <i>Plant Molecular Biology</i> , 2006, 60, 107-124.                                  | 3.9  | 811       |
| 69 | A subgroup of MYB transcription factor genes undergoes highly conserved alternative splicing in <i>Arabidopsis</i> and rice. <i>Journal of Experimental Botany</i> , 2006, 57, 1263-1273.                                       | 4.8  | 112       |
| 70 | Obtaining and analysis of flanking sequences from T-DNA transformants of <i>Arabidopsis</i> . <i>Plant Science</i> , 2003, 165, 941-949.  | 3.6  | 54        |