List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Production of Agrocinopine A by <i>Ipomoea batatas</i> Agrocinopine Synthase in Transgenic Tobacco and Its Effect on the Rhizosphere Microbial Community. Molecular Plant-Microbe Interactions, 2022, 35, 73-84. | 2.6 | 3 |
| 2 | Wound-inducible WUSCHEL-RELATED HOMEOBOX 13 is required for callus growth and organ reconnection. Plant Physiology, 2022, 188, 425-441. | 4.8 | 44 |
| 3 | The <i>DROL1</i> subunit of U5 snRNP in the spliceosome is specifically required to splice AT–ACâ€ŧype introns in <i>Arabidopsis</i> . Plant Journal, 2022, 109, 633-648. | 5.7 | 5 |
| 4 | Phosphorylation of RNA Polymerase II by CDKC;2 Maintains the Arabidopsis Circadian Clock Period. Plant and Cell Physiology, 2022, 63, 450-462. | 3.1 | 10 |
| 5 | Root-specific Reduction of Cytokinin Perception Enhances Shoot Growth in <i>Arabidopsis thaliana</i> . Plant and Cell Physiology, 2022, 63, 484-493. | 3.1 | 4 |
| 6 | Discovery of the interfamily grafting capacity of <i>Petunia</i> , a floricultural species. Horticulture Research, 2022, 9, . | 6.3 | 11 |
| 7 | Nitrate transport via NRT2.1 mediates NIN-LIKE PROTEIN-dependent suppression of root nodulation in <i>Lotus japonicus</i> . Plant Cell, 2022, 34, 1844-1862. | 6.6 | 21 |
| 8 | Warm Temperature Promotes Shoot Regeneration in <i>Arabidopsis thaliana</i> . Plant and Cell Physiology, 2022, 63, 618-634. | 3.1 | 18 |
| 9 | Sustained defense response via volatile signaling and its epigenetic transcriptional regulation. Plant Physiology, 2022, 189, 922-933. | 4.8 | 8 |
| 10 | Translational Landscape of a C4 Plant, <i>Sorghum bicolor</i> , Under Normal and Sulfur-Deficient Conditions. Plant and Cell Physiology, 2022, 63, 592-604. | 3.1 | 4 |
| 11 | Mechanosensory trichome cells evoke a mechanical stimuli–induced immune response in Arabidopsis thaliana. Nature Communications, 2022, 13, 1216. | 12.8 | 43 |
| 12 | A hierarchical transcriptional network activates specific CDK inhibitors that regulate G2 to control cell size and number in Arabidopsis. Nature Communications, 2022, 13, 1660. | 12.8 | 22 |
| 13 | Sulfanilamide Regulates Flowering Time through Expression of the Circadian Clock Gene <i>LUX</i> . Plant and Cell Physiology, 2022, , . | 3.1 | 3 |
| 14 | Systemic Regulation of Iron Acquisition by <i>Arabidopsis</i> in Environments with Heterogeneous Iron Distributions. Plant and Cell Physiology, 2022, 63, 842-854. | 3.1 | 10 |
| 15 | A guiding role of the Arabidopsis circadian clock in cell differentiation revealed by time-series single-cell RNA sequencing. Cell Reports, 2022, 40, 111059. | 6.4 | 9 |
| 16 | Root-specific activation of plasma membrane H+-ATPase 1 enhances plant growth and shoot accumulation of nutrient elements under nutrient-poor conditions in Arabidopsis thaliana. Biochemical and Biophysical Research Communications, 2022, 621, 39-45. | 2.1 | 4 |
| 17 | Oral RNAi of diap1 results in rapid reduction of damage to potatoes in Henosepilachna vigintioctopunctata. Journal of Pest Science, 2021, 94, 505-515. | 3.7 | 11 |
| 18 | Plasma membrane H+-ATPase overexpression increases rice yield via simultaneous enhancement of nutrient uptake and photosynthesis. Nature Communications, 2021, 12, 735. | 12.8 | 97 |

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|----|--|------|-----------|
| 19 | MYB3R-mediated active repression of cell cycle and growth under salt stress in Arabidopsis thaliana. Journal of Plant Research, 2021, 134, 261-277. | 2.4 | 16 |
| 20 | Posttranslational regulation of multiple clock-related transcription factors triggers cold-inducible gene expression in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 61 |
| 21 | Dynamics of the cell fate specifications during female gametophyte development in Arabidopsis. PLoS Biology, 2021, 19, e3001123. | 5.6 | 26 |
| 22 | Different DNA-binding specificities of NLP and NIN transcription factors underlie nitrate-induced control of root nodulation. Plant Cell, 2021, 33, 2340-2359. | 6.6 | 52 |
| 23 | De novo Sequencing of Novel Mycoviruses From Fusarium sambucinum: An Attempt on Direct RNA Sequencing of Viral dsRNAs. Frontiers in Microbiology, 2021, 12, 641484. | 3.5 | 7 |
| 24 | A live imaging system to analyze spatiotemporal dynamics of RNA polymerase II modification in Arabidopsis thaliana. Communications Biology, 2021, 4, 580. | 4.4 | 5 |
| 25 | Transcriptomic Analysis of Resistant and Susceptible Responses in a New Model Root-Knot Nematode Infection System Using Solanum torvum and Meloidogyne arenaria. Frontiers in Plant Science, 2021, 12, 680151. | 3.6 | 16 |
| 26 | H3K27me3 demethylases alter HSP22 and HSP17.6C expression in response to recurring heat in Arabidopsis. Nature Communications, 2021, 12, 3480. | 12.8 | 68 |
| 27 | Transcriptome Dynamics of Epidermal Reprogramming during Direct Shoot Regeneration in <i>Torenia fournieri</i> . Plant and Cell Physiology, 2021, 62, 1335-1354. | 3.1 | 7 |
| 28 | DNA methyltransferase CHROMOMETHYLASE3 prevents ONSEN transposon silencing under heat stress. PLoS Genetics, 2021, 17, e1009710. | 3.5 | 23 |
| 29 | DRD1, a SWI/SNF-like chromatin remodeling protein, regulates a heat-activated transposon in <i>Arabidopsis thaliana</i> . Genes and Genetic Systems, 2021, 96, 151-158. | 0.7 | 4 |
| 30 | Suppression of MYC transcription activators by the immune cofactor NPR1 fine-tunes plant immune responses. Cell Reports, 2021, 37, 110125. | 6.4 | 41 |
| 31 | Identification of Abscisic Acid-Dependent Phosphorylated Basic Helix-Loop-Helix Transcription Factors in Guard Cells of Vicia faba by Mass Spectrometry. Frontiers in Plant Science, 2021, 12, 735271. | 3.6 | 3 |
| 32 | Expression analysis of genes encoding malectin-like domain (MLD)- and leucine-rich repeat (LRR)- containing proteins in <i>Arabidopsis thaliana</i> . Bioscience, Biotechnology and Biochemistry, 2020, 84, 154-158. | 1.3 | 11 |
| 33 | AtNOT1 Is a Novel Regulator of Gene Expression during Pollen Development. Plant and Cell Physiology, 2020, 61, 712-721. | 3.1 | 9 |
| 34 | Morphological and Physiological Framework Underlying Plant Longevity in Arabidopsis thaliana. Frontiers in Plant Science, 2020, 11, 600726. | 3.6 | 12 |
| 35 | Subnuclear gene positioning through lamina association affects copper tolerance. Nature Communications, 2020, 11, 5914. | 12.8 | 37 |
| 36 | Cell-cell adhesion in plant grafting is facilitated by β-1,4-glucanases. Science, 2020, 369, 698-702. | 12.6 | 108 |

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|----|---|------|-----------|
| 37 | Host-parasite tissue adhesion by a secreted type of β-1,4-glucanase in the parasitic plant Phtheirospermum japonicum. Communications Biology, 2020, 3, 407. | 4.4 | 29 |
| 38 | Quinone perception in plants via leucine-rich-repeat receptor-like kinases. Nature, 2020, 587, 92-97. | 27.8 | 77 |
| 39 | Expression profiles of genes for enzymes involved in capsidiol production in Nicotiana benthamiana. Journal of General Plant Pathology, 2020, 86, 340-349. | 1.0 | 9 |
| 40 | Diverse panicle architecture results from various combinations of Prl5/GA20ox4 and Pbl6/APO1 alleles. Communications Biology, 2020, 3, 302. | 4.4 | 16 |
| 41 | AT-Hook Transcription Factors Restrict Petiole Growth by Antagonizing PIFs. Current Biology, 2020, 30, 1454-1466.e6. | 3.9 | 39 |
| 42 | Plant Raf-like kinases regulate the mRNA population upstream of ABA-unresponsive SnRK2 kinases under drought stress. Nature Communications, 2020, 11, 1373. | 12.8 | 104 |
| 43 | The SUMO E3 Ligase SIZ1 Negatively Regulates Shoot Regeneration. Plant Physiology, 2020, 184, 330-344. | 4.8 | 13 |
| 44 | <i>DREB1A/CBF3</i> Is Repressed by Transgene-Induced DNA Methylation in the Arabidopsis <i>ice11</i> Mutant. Plant Cell, 2020, 32, 1035-1048. | 6.6 | 42 |
| 45 | Genome-wide responses to shoot nitrate satiety are attenuated by external ammonium in Arabidopsis thaliana. Soil Science and Plant Nutrition, 2020, 66, 317-327. | 1.9 | 3 |
| 46 | Comprehensive analysis of the mechanisms underlying enhanced growth and root N acquisition in rice by the endophytic diazotroph, Burkholderia vietnamiensis RS1. Plant and Soil, 2020, 450, 537-555. | 3.7 | 8 |
| 47 | Presynaptic MAST kinase controls opposing postsynaptic responses to convey stimulus valence in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1638-1647. | 7.1 | 23 |
| 48 | <i>ONSEN</i> shows different transposition activities in RdDM pathway mutants. Genes and Genetic Systems, 2020, 95, 183-190. | 0.7 | 11 |
| 49 | Nicotiana benthamiana exportin 1 is required for elicitor-induced phytoalexin production, cell death induction, and resistance against potato late blight pathogen Phytophthora infestans. Journal of General Plant Pathology, 2019, 85, 347-355. | 1.0 | 5 |
| 50 | ANAC032 regulates root growth through the MYB30 gene regulatory network. Scientific Reports, 2019, 9, 11358. | 3.3 | 17 |
| 51 | Regulation of stomatal opening and histone modification by photoperiod in Arabidopsis thaliana. Scientific Reports, 2019, 9, 10054. | 3.3 | 16 |
| 52 | Histone acetylation orchestrates wound-induced transcriptional activation and cellular reprogramming in Arabidopsis. Communications Biology, 2019, 2, 404. | 4.4 | 65 |
| 53 | The 26S Proteasome Is Required for the Maintenance of Root Apical Meristem by Modulating Auxin and Cytokinin Responses Under High-Boron Stress. Frontiers in Plant Science, 2019, 10, 590. | 3.6 | 15 |
| 54 | NF-YB2 and NF-YB3 Have Functionally Diverged and Differentially Induce Drought and Heat Stress-Specific Genes. Plant Physiology, 2019, 180, 1677-1690. | 4.8 | 62 |

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|----|---|------|-----------|
| 55 | Specification of the basal region identity after asymmetric zygotic division requires mitogen-activated protein kinase 6 in rice. Development (Cambridge), 2019, 146, . | 2.5 | 12 |
| 56 | Casein kinase 1 family regulates PRR5 and TOC1 in the Arabidopsis circadian clock. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11528-11536. | 7.1 | 77 |
| 57 | Primed histone demethylation regulates shoot regenerative competency. Nature Communications, 2019, 10, 1786. | 12.8 | 52 |
| 58 | Abscisic acidâ€dependent histone demethylation during postgermination growth arrest in <i>Arabidopsis</i> . Plant, Cell and Environment, 2019, 42, 2198-2214. | 5.7 | 46 |
| 59 | <i>Hoxa13</i> regulates expression of common <i>Hox</i> target genes involved in cartilage development to coordinate the expansion of the autopodal anlage. Development Growth and Differentiation, 2019, 61, 228-251. | 1.5 | 13 |
| 60 | Draft Genome Sequence of <i>Ralstonia</i> sp. Strain SET104, Isolated from Root Nodules of <i>Aeschynomene indica</i> . Microbiology Resource Announcements, 2019, 8, . | 0.6 | 1 |
| 61 | Shoot nitrate underlies a perception of nitrogen satiety to trigger local and systemic signaling cascades in <i>Arabidopsis thaliana</i> . Soil Science and Plant Nutrition, 2019, 65, 56-64. | 1.9 | 8 |
| 62 | Time-Course Transcriptomics Analysis Reveals Key Responses of Submerged Deepwater Rice to Flooding. Plant Physiology, 2018, 176, 3081-3102. | 4.8 | 64 |
| 63 | Development of the Mitsucal computer system to identify causal mutation with a high-throughput sequencer. Plant Reproduction, 2018, 31, 117-128. | 2.2 | 14 |
| 64 | Jasmonic acid facilitates flower opening and floral organ development through the upregulated expression of SIMYB21 transcription factor in tomato. Bioscience, Biotechnology and Biochemistry, 2018, 82, 292-303. | 1.3 | 41 |
| 65 | Regulation of floral meristem activity through the interaction of AGAMOUS, SUPERMAN, and CLAVATA3 in Arabidopsis. Plant Reproduction, 2018, 31, 89-105. | 2.2 | 33 |
| 66 | Characterization of somatic embryogenesis initiated from the Arabidopsis shoot apex. Developmental Biology, 2018, 442, 13-27. | 2.0 | 33 |
| 67 | MYB30 links ROS signaling, root cell elongation, and plant immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4710-E4719. | 7.1 | 98 |
| 68 | <i>Arabidopsis thaliana</i> NGATHA1 transcription factor induces ABA biosynthesis by activating <i>NCED3</i> gene during dehydration stress. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11178-E11187. | 7.1 | 106 |
| 69 | Auxin decreases chromatin accessibility through the TIR1/AFBs auxin signaling pathway in proliferative cells. Scientific Reports, 2018, 8, 7773. | 3.3 | 23 |
| 70 | High-Quality Genome Sequence of the Root-Knot Nematode Meloidogyne arenaria Genotype A2-O. Genome Announcements, 2018, 6, . | 0.8 | 32 |
| 71 | Pollen tube contents initiate ovule enlargement and enhance seed coat development without fertilization. Science Advances, 2016, 2, e1600554. | 10.3 | 37 |
| 72 | A Genetic Map for the Only Self-Fertilizing Vertebrate. G3: Genes, Genomes, Genetics, 2016, 6, 1095-1106. | 1.8 | 24 |

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|----|--|-----|-----------|
| 73 | Identification of Phosphoinositide-Binding Protein PATELLIN2 as a Substrate of Arabidopsis MPK4 MAP Kinase during Septum Formation in Cytokinesis. Plant and Cell Physiology, 2016, 57, 1744-1755. | 3.1 | 39 |
| 74 | Haspin has Multiple Functions in the Plant Cell Division Regulatory Network. Plant and Cell Physiology, 2016, 57, 848-861. | 3.1 | 21 |
| 75 | Direct Repression of Evening Genes by CIRCADIAN CLOCK-ASSOCIATED1 in the Arabidopsis Circadian Clock. Plant Cell, 2016, 28, 696-711. | 6.6 | 227 |
| 76 | Transcriptional repression by <scp>MYB</scp> 3R proteins regulates plant organ growth. EMBO Journal, 2015, 34, 1992-2007. | 7.8 | 128 |
| 77 | Identification of mRNAs that Move Over Long Distances Using an RNA-Seq Analysis of Arabidopsis/Nicotiana benthamiana Heterografts. Plant and Cell Physiology, 2015, 56, 311-321. | 3.1 | 104 |
| 78 | RNA-Seq Analysis of the Response of the Halophyte, Mesembryanthemum crystallinum (Ice Plant) to High Salinity. PLoS ONE, 2015, 10, e0118339. | 2.5 | 62 |
| 79 | Transcriptional repressor PRR5 directly regulates clock-output pathways. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17123-17128. | 7.1 | 253 |
| 80 | Mutations in <i>MYB3R1</i> and <i>MYB3R4</i> Cause Pleiotropic Developmental Defects and Preferential Down-Regulation of Multiple G2/M-Specific Genes in Arabidopsis Â. Plant Physiology, 2011, 157, 706-717. | 4.8 | 120 |
| 81 | Development of R4 Gateway Binary Vectors (R4pGWB) Enabling High-Throughput Promoter Swapping for Plant Research. Bioscience, Biotechnology and Biochemistry, 2008, 72, 624-629. | 1.3 | 122 |
| 82 | Improved Gateway Binary Vectors: High-Performance Vectors for Creation of Fusion Constructs in Transgenic Analysis of Plants. Bioscience, Biotechnology and Biochemistry, 2007, 71, 2095-2100. | 1.3 | 847 |
| 83 | Arabidopsis TEBICHI, with Helicase and DNA Polymerase Domains, Is Required for Regulated Cell Division and Differentiation in Meristems. Plant Cell, 2006, 18, 879-892. | 6.6 | 102 |
| 84 | TONSOKU is Expressed in S Phase of the Cell Cycle and its Defect Delays Cell Cycle Progression in Arabidopsis. Plant and Cell Physiology, 2005, 46, 736-742. | 3.1 | 49 |
| 85 | An Arabidopsis Protein with a Novel Calcium-binding Repeat Sequence Interacts with TONSOKU/MGOUN3/BRUSHY1 Involved in Meristem Maintenance. Plant and Cell Physiology, 2005, 46, 1452-1461. | 3.1 | 35 |
| 86 | A novelArabidopsisgeneTONSOKUis required for proper cell arrangement in root and shoot apical meristems. Plant Journal, 2004, 38, 673-684. | 5.7 | 76 |
| 87 | Epigenetic regulation of ecotype-specific expression of the heat-activated transposon ONSEN. Frontiers in Plant Science, 0, 13, . | 3.6 | 5 |