# Zhonglin Mou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7297157/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 59 papers | 5,790 citations | 159358 30 h-index | 149479 56 g-index |
| 60 all docs | 60 docs citations | 60 times ranked | 5843 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A direct link between BR and SA signaling: negative regulation of TGA4 by BIN2. Molecular Plant, 2022, , . | 3.9 | 2 |
| 2 | Draft Genome Sequences of Pseudomonas syringae pv. tomato Strains J4 and J6, Isolated in Florida. Microbiology Resource Announcements, 2021, 10, . | 0.3 | 0 |
| 3 | Selection of transgenic citrus plants based on glyphosate tolerance conferred by a citrus 5-enolpyruvylshikimate-3-phosphate synthase variant. Plant Cell Reports, 2021, 40, 1947-1956. | 2.8 | 2 |
| 4 | Efficient artificial microRNA vectors for gene silencing in citrus. Plant Cell Reports, 2021, 40, 2449-2452. | 2.8 | 0 |
| 5 | Differential Quantitative Requirements for NPR1 Between Basal Immunity and Systemic Acquired Resistance in Arabidopsis thaliana. Frontiers in Plant Science, 2020, 11, 570422. | 1.7 | 13 |
| 6 | Efficient CRISPR/Cas9 genome editing with Citrus embryogenic cell cultures. BMC Biotechnology, 2020, 20, 58. | 1.7 | 25 |
| 7 | Editorial: NAD Metabolism and Signaling in Plants. Frontiers in Plant Science, 2020, 11, 146. | 1.7 | 3 |
| 8 | Perception of Damaged Self in Plants. Plant Physiology, 2020, 182, 1545-1565. | 2.3 | 55 |
| 9 | Extracellular pyridine nucleotides trigger plant systemic immunity through a lectin receptor kinase/BAK1 complex. Nature Communications, 2019, 10, 4810. | 5.8 | 65 |
| 10 | Novel Plastid-Nuclear Genome Combinations Enhance Resistance to Citrus Canker in Cybrid Grapefruit. Frontiers in Plant Science, 2019, 9, 1858. | 1.7 | 9 |
| 11 | Development of Improved Fruit, Vegetable, and Ornamental Crops Using the CRISPR/Cas9 Genome Editing Technique. Plants, 2019, 8, 601. | 1.6 | 59 |
| 12 | NPR1 as a transgenic crop protection strategy in horticultural species. Horticulture Research, 2018, 5, 15. | 2.9 | 43 |
| 13 | The Elongator complexâ€associated protein DRL1 plays a positive role in immune responses against necrotrophic fungal pathogens in Arabidopsis. Molecular Plant Pathology, 2018, 19, 286-299. | 2.0 | 4 |
| 14 | Exogenous Nicotinamide Adenine Dinucleotide Induces Resistance to Citrus Canker in Citrus. Frontiers in Plant Science, 2018, 9, 1472. | 1.7 | 27 |
| 15 | The Arabidopsis Elongator Subunit ELP3 and ELP4 Confer Resistance to Bacterial Speck in Tomato. Frontiers in Plant Science, 2018, 9, 1066. | 1.7 | 11 |
| 16 | The Arabidopsis Elongator complex is required for nonhost resistance against the bacterial pathogens Xanthomonas citri subsp. citri and Pseudomonas syringae pv. phaseolicola <scp>NPS</scp>3121. New Phytologist, 2017, 214, 1245-1259. | 3.5 | 19 |
| 17 | Extracellular pyridine nucleotides as immune elicitors in arabidopsis. Plant Signaling and Behavior, 2017, 12, e1388977. | 1.2 | 21 |
| 18 | The Arabidopsis ELP3/ELO3 and ELP4/ELO1 genes enhance disease resistance in Fragaria vesca L.. BMC Plant Biology, 2017, 17, 230. | 1.6 | 15 |

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|---|---|---|---|
| 19 | A lectin receptor kinase as a potential sensor for extracellular nicotinamide adenine dinucleotide in Arabidopsis thaliana. ELife, 2017, 6, . | 2.8 | 76 |
| 20 | The Mediator Complex Subunits MED14, MED15, and MED16 Are Involved in Defense Signaling Crosstalk in Arabidopsis. Frontiers in Plant Science, 2016, 7, 1947. | 1.7 | 37 |
| 21 | Abscisic acid promotes proteasomeâ€mediated degradation of the transcription coactivator <scp>NPR</scp>1 in Arabidopsis thaliana. Plant Journal, 2016, 86, 20-34. | 2.8 | 75 |
| 22 | Elongator Plays a Positive Role in Exogenous NAD-Induced Defense Responses in Arabidopsis. Molecular Plant-Microbe Interactions, 2016, 29, 396-404. | 1.4 | 21 |
| 23 | Comparison of nicotinamide adenine dinucleotide phosphate-induced immune responses against biotrophic and necrotrophic pathogens in Arabidopsis thaliana. Plant Signaling and Behavior, 2016, 11, e1169358. | 1.2 | 8 |
| 24 | Arabidopsis Elongator subunit 2 positively contributes to resistance to the necrotrophic fungal pathogens Botrytis cinerea and Alternaria brassicicola. Plant Journal, 2015, 83, 1019-1033. | 2.8 | 44 |
| 25 | The Arabidopsis NPR1 gene confers broad-spectrum disease resistance in strawberry. Transgenic Research, 2015, 24, 693-704. | 1.3 | 51 |
| 26 | Elongator and its epigenetic role in plant development and responses to abiotic and biotic stresses. Frontiers in Plant Science, 2015, 6, 296. | 1.7 | 26 |
| 27 | The Arabidopsis Mediator Complex Subunit16 Is a Key Component of Basal Resistance against the Necrotrophic Fungal Pathogen Sclerotinia sclerotiorum. Plant Physiology, 2015, 169, 856-872. | 2.3 | 64 |
| 28 | Salicylic Acid and Defense Responses in Plants. , 2014, , 191-219. | | 6 |
| 29 | A large-scale genetic screen for mutants with altered salicylic acid accumulation in Arabidopsis. Frontiers in Plant Science, 2014, 5, 763. | 1.7 | 23 |
| 30 | Elongator subunit 3 positively regulates plant immunity through its histone acetyltransferase and radical S-adenosylmethionine domains. BMC Plant Biology, 2013, 13, 102. | 1.6 | 57 |
| 31 | The <scp>A</scp>rabidopsis <scp>M</scp>ediator complex subunits <scp>MED</scp>14/<scp>SWP</scp> and <scp>MED</scp>16/<scp>SFR</scp>6/<scp>IEN</scp>1 differentially regulate defense gene expression in plant immune responses. Plant Journal, 2013, 75, 484-497. | 2.8 | 76 |
| 32 | The Arabidopsis Elongator Complex Subunit2 Epigenetically Regulates Plant Immune Responses Â. Plant Cell, 2013, 25, 762-776. | 3.1 | 101 |
| 33 | The function of the Mediator complex in plant immunity. Plant Signaling and Behavior, 2013, 8, e23182. | 1.2 | 51 |
| 34 | An Efficient Intragenic Vector for Generating Intragenic and Cisgenic Plants in Citrus. American Journal of Plant Sciences, 2013, 04, 2131-2137. | 0.3 | 11 |
| 35 | Expression of the Human NAD(P)-Metabolizing Ectoenzyme CD38 Compromises Systemic Acquired Resistance inArabidopsis. Molecular Plant-Microbe Interactions, 2012, 25, 1209-1218. | 1.4 | 29 |
| 36 | The Arabidopsis Mediator Complex Subunit16 Positively Regulates Salicylate-Mediated Systemic Acquired Resistance and Jasmonate/Ethylene-Induced Defense Pathways. Plant Cell, 2012, 24, 4294-4309. | 3.1 | 157 |

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|---|---|---|---|
| 37 | Non-Host Defense Response in a Novel Arabidopsis-Xanthomonas citri subsp. citri Pathosystem. PLoS ONE, 2012, 7, e31130. | 1.1 | 24 |
| 38 | Salicylic Acid and its Function in Plant Immunity<sup>F</sup>. Journal of Integrative Plant Biology, 2011, 53, 412-428. | 4.1 | 440 |
| 39 | The role of the Elongator complex in plants. Plant Signaling and Behavior, 2011, 6, 19-22. | 1.2 | 18 |
| 40 | Over-expression of the Arabidopsis NPR1 gene in citrus increases resistance to citrus canker. European Journal of Plant Pathology, 2010, 128, 91-100. | 0.8 | 108 |
| 41 | Elongator subunit 2 is an accelerator of immune responses in Arabidopsis thaliana. Plant Journal, 2010, 64, 511-523. | 2.8 | 63 |
| 42 | A high-throughput method for isolation of salicylic acid metabolic mutants. Plant Methods, 2010, 6, 21. | 1.9 | 35 |
| 43 | Nuclear localization of NPR1 is required for regulation of salicylate tolerance, isochorismate synthase 1 expression and salicylate accumulation in Arabidopsis. Journal of Plant Physiology, 2010, 167, 144-148. | 1.6 | 66 |
| 44 | Characterization of Arabidopsis 6-Phosphogluconolactonase T-DNA Insertion Mutants Reveals an Essential Role for the Oxidative Section of the Plastidic Pentose Phosphate Pathway in Plant Growth and Development. Plant and Cell Physiology, 2009, 50, 1277-1291. | 1.5 | 56 |
| 45 | Extracellular pyridine nucleotides induce PR gene expression and disease resistance in Arabidopsis. Plant Journal, 2009, 57, 302-312. | 2.8 | 102 |
| 46 | Deficiency in a cytosolic riboseâ€5â€phosphate isomerase causes chloroplast dysfunction, late flowering and premature cell death in Arabidopsis. Physiologia Plantarum, 2009, 137, 249-263. | 2.6 | 32 |
| 47 | Proteasome-Mediated Turnover of the Transcription Coactivator NPR1 Plays Dual Roles in Regulating Plant Immunity. Cell, 2009, 137, 860-872. | 13.5 | 494 |
| 48 | A rapid biosensor-based method for quantification of free and glucose-conjugated salicylic acid. Plant Methods, 2008, 4, 28. | 1.9 | 97 |
| 49 | Plant Immunity Requires Conformational Charges of NPR1 via S-Nitrosylation and Thioredoxins. Science, 2008, 321, 952-956. | 6.0 | 964 |
| 50 | Function of extracellular pyridine nucleotides in plant defense signaling. Plant Signaling and Behavior, 2008, 3, 1143-1145. | 1.2 | 4 |
| 51 | The Arabidopsis MAP kinase kinase 7. Plant Signaling and Behavior, 2008, 3, 272-274. | 1.2 | 14 |
| 52 | Overexpression of Arabidopsis MAP kinase kinase 7 leads to activation of plant basal and systemic acquired resistance. Plant Journal, 2007, 52, 1066-1079. | 2.8 | 130 |
| 53 | Increased Expression of MAP KINASE KINASE7 Causes Deficiency in Polar Auxin Transport and Leads to Plant Architectural Abnormality in Arabidopsis. Plant Cell, 2006, 18, 308-320. | 3.1 | 148 |
| 54 | Inducers of Plant Systemic Acquired Resistance Regulate NPR1 Function through Redox Changes. Cell, 2003, 113, 935-944. | 13.5 | 1,348 |

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|---|---|---|---|
| 55 | Silencing of Phosphoethanolamine N-Methyltransferase Results in Temperature-Sensitive Male Sterility and Salt Hypersensitivity in Arabidopsis. Plant Cell, 2002, 14, 2031-2043. | 3.1 | 122 |
| 56 | Fine-mapping of an Arabidopsis cell death mutation locus. Science in China Series C: Life Sciences, 2000, 43, 138-145. | 1.3 | 3 |
| 57 | Deficiency in Fatty Acid Synthase Leads to Premature Cell Death and Dramatic Alterations in Plant Morphology. Plant Cell, 2000, 12, 405-417. | 3.1 | 213 |
| 58 | Deficiency in Fatty Acid Synthase Leads to Premature Cell Death and Dramatic Alterations in Plant Morphology. Plant Cell, 2000, 12, 405. | 3.1 | 15 |
| 59 | Monitoring gene expression by cDNA array. Science Bulletin, 1999, 44, 441-444. | 1.7 | 5 |