# Xin-Zhong Cai

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5088853/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 24 papers | 756 citations | 687363 13 h-index | 610901 24 g-index |
| 25 all docs | 25 docs citations | 25 times ranked | 802 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Genome-Wide Identification of Rapid Alkalinization Factor Family in Brassica napus and Functional Analysis of BnRALF10 in Immunity to Sclerotinia sclerotiorum. Frontiers in Plant Science, 2022, 13, 877404. | 3.6 | 3 |
| 2 | OsASR6 Alleviates Rice Resistance to Xanthomonas oryzae via Transcriptional Suppression of OsCIPK15. International Journal of Molecular Sciences, 2022, 23, 6622. | 4.1 | 4 |
| 3 | Integrated miRNAome and Transcriptome Analysis Reveals Argonaute 2-Mediated Defense Responses Against the Devastating Phytopathogen Sclerotinia sclerotiorum. Frontiers in Plant Science, 2020, 11, 500. | 3.6 | 6 |
| 4 | Characterization of tomato protein kinases embedding guanylate cyclase catalytic center motif. Scientific Reports, 2020, 10, 4078. | 3.3 | 15 |
| 5 | Ubiquitin Extension Protein UEP1 Modulates Cell Death and Resistance to Various Pathogens in Tobacco. Phytopathology, 2019, 109, 1257-1269. | 2.2 | 6 |
| 6 | Leaf stageâ€associated resistance is correlated with phytohormones in a pathosystemâ€dependent manner. Journal of Integrative Plant Biology, 2018, 60, 703-722. | 8.5 | 14 |
| 7 | SlCNGC1 and SlCNGC14 Suppress Xanthomonas oryzae pv. oryzicola-Induced Hypersensitive Response and Non-host Resistance in Tomato. Frontiers in Plant Science, 2018, 9, 285. | 3.6 | 22 |
| 8 | Glycolate oxidase gene family in Nicotiana benthamiana: genome-wide identification and functional analyses in disease resistance. Scientific Reports, 2018, 8, 8615. | 3.3 | 15 |
| 9 | Artificial Agrobacterium tumefaciens strains exhibit diverse mechanisms to repress Xanthomonas oryzae pv. oryzaeâ€induced hypersensitive response and nonâ€host resistance in Nicotiana benthamiana. Molecular Plant Pathology, 2017, 18, 489-502. | 4.2 | 14 |
| 10 | Brassica napus Genome Possesses Extraordinary High Number of CAMTA Genes and CAMTA3 Contributes to PAMP Triggered Immunity and Resistance to Sclerotinia sclerotiorum. Frontiers in Plant Science, 2016, 7, 581. | 3.6 | 71 |
| 11 | Genome-Wide Identification of Dicer-Like, Argonaute, and RNA-Dependent RNA Polymerase Gene Families in Brassica Species and Functional Analyses of Their Arabidopsis Homologs in Resistance to Sclerotinia sclerotiorum. Frontiers in Plant Science, 2016, 7, 1614. | 3.6 | 56 |
| 12 | Phi Class of Glutathione S-transferase Gene Superfamily Widely Exists in Nonplant Taxonomic Groups. Evolutionary Bioinformatics, 2016, 12, EBO.S35909. | 1.2 | 13 |
| 13 | Tight regulation of the interaction between Brassica napus and Sclerotinia sclerotiorum at the microRNA level. Plant Molecular Biology, 2016, 92, 39-55. | 3.9 | 52 |
| 14 | Transcriptional and posttranscriptional regulation of the tomato leaf mould disease resistance gene Cf-9. Biochemical and Biophysical Research Communications, 2016, 470, 163-167. | 2.1 | 8 |
| 15 | TMT-based quantitative proteomics analyses reveal novel defense mechanisms of Brassica napus against the devastating necrotrophic pathogen Sclerotinia sclerotiorum. Journal of Proteomics, 2016, 143, 265-277. | 2.4 | 27 |
| 16 | Calcium-dependent protein kinase (CDPK) and CDPK-related kinase (CRK) gene families in tomato: genome-wide identification and functional analyses in disease resistance. Molecular Genetics and Genomics, 2016, 291, 661-676. | 2.1 | 92 |
| 17 | Cyclic nucleotide gated channel gene family in tomato: genome-wide identification and functional analyses in disease resistance. Frontiers in Plant Science, 2015, 06, 303. | 3.6 | 102 |
| 18 | Phylogeny of Plant Calcium and Calmodulin-Dependent Protein Kinases (CCaMKs) and Functional Analyses of Tomato CCaMK in Disease Resistance. Frontiers in Plant Science, 2015, 6, 1075. | 3.6 | 67 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Hydrogen peroxide is indispensable to Xanthomonas oryzae pv. oryzae-induced hypersensitive response and nonhost resistance in Nicotiana benthamiana. Australasian Plant Pathology, 2015, 44, 611-617. | 1.0 | 13 |
| 20 | Phylogeny and evolution of plant cyclic nucleotide-gated ion channel (CNGC) gene family and functional analyses of tomatoCNGCs. DNA Research, 2015, 22, 471-483. | 3.4 | 81 |
| 21 | Transcript profiling for Avr4/Cf-4- and Avr9/Cf-9-dependent defence gene expression. European Journal of Plant Pathology, 2008, 122, 307-314. | 1.7 | 5 |
| 22 | Efficiency for Gene Silencing Induction in Nicotiana Species by a Viral Satellite DNA Vector. Journal of Integrative Plant Biology, 2007, 49, 1726-1733. | 8.5 | 4 |
| 23 | CladosporiumÂfulvumÂCfHNNI1 induces hypersensitive necrosis, defence gene expression and disease resistance in both host and nonhost plants. Plant Molecular Biology, 2007, 64, 89-101. | 3.9 | 20 |
| 24 | Development of a Virus-Induced Gene-Silencing System for Functional Analysis of the RPS2-Dependent Resistance Signalling Pathways in Arabidopsis. Plant Molecular Biology, 2006, 62, 223-232. | 3.9 | 46 |