# Cheng-Gui Han

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3154167/publications.pdf

Version: 2024-02-01

| | | 218592 | 233338 |
|---|---|---|---|
| 85 | 2,469 | 26 | 45 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 87 | 87 | 87 | 2101 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Carboxyl Terminal Regions of P0 Protein Are Required for Systemic Infections of Poleroviruses. International Journal of Molecular Sciences, 2022, 23, 1945. | 1.8 | 1 |
| 2 | Incidence and prevalence levels of three aphid-transmitted viruses in crucifer crops in China. Journal of Integrative Agriculture, 2022, 21, 774-780. | 1.7 | 10 |
| 3 | Barley stripe mosaic virus Î³b protein targets thioredoxin h-type 1 to dampen salicylic acid-mediated defenses. Plant Physiology, 2022, 189, 1715-1727. | 2.3 | 7 |
| 4 | First Report of Tobacco Streak Virus on Echinacea purpurea in China. Plant Disease, 2022, 106, 3005. | 0.7 | 2 |
| 5 | Palmitoylation of Î³b protein directs a dynamic switch between Barley stripe mosaic virus replication and movement. EMBO Journal, 2022, 41, . | 3.5 | 3 |
| 6 | Effect of Oligogalacturonides on Seed Germination and Disease Resistance of Sugar Beet Seedling and Root. Journal of Fungi (Basel, Switzerland), 2022, 8, 716. | 1.5 | 4 |
| 7 | Tobacco Necrosis Virus-A<sup>C</sup> Single Coat Protein Amino Acid Substitutions Determine Host-Specific Systemic Infections of Nicotiana benthamiana and Soybean. Molecular Plant-Microbe Interactions, 2021, 34, 49-61. | 1.4 | 11 |
| 8 | Molecular detection and identification of eight potato viruses in Gansu province of China. Current Plant Biology, 2021, 25, 100184. | 2.3 | 13 |
| 9 | The serine/threonine/tyrosine kinase STY46 defends against hordeivirus infection by phosphorylating Î³b protein. Plant Physiology, 2021, 186, 715-730. | 2.3 | 19 |
| 10 | A reverse transcription loopâ€mediated isothermal amplification assay for the detection of strawberry mottle virus. Journal of Phytopathology, 2021, 169, 295-302. | 0.5 | 5 |
| 11 | A small peptide inhibits siRNA amplification in plants by mediating autophagic degradation of SGS3/RDR6 bodies. EMBO Journal, 2021, 40, e108050. | 3.5 | 30 |
| 12 | Barley stripe mosaic virus Î³b protein disrupts chloroplast antioxidant defenses to optimize viral replication. EMBO Journal, 2021, 40, e107660. | 3.5 | 27 |
| 13 | A Simple Method for the Acquisition and Transmission of Brassica Yellows Virus from Transgenic Plants and Frozen Infected Leaves by Aphids. Plants, 2021, 10, 1944. | 1.6 | 4 |
| 14 | Characterization of the Mycovirome from the Plant-Pathogenic Fungus Cercospora beticola. Viruses, 2021, 13, 1915. | 1.5 | 8 |
| 15 | Comparative Analysis of Biological Characteristics among P0 Proteins from Different Brassica Yellows Virus Genotypes. Biology, 2021, 10, 1076. | 1.3 | 2 |
| 16 | First Report of Cucurbit Aphid-Borne Yellows Virus in Passion Fruit Plants Exhibiting Mosaic and Mottling in China. Plant Disease, 2020, 104, 601-601. | 0.7 | 4 |
| 17 | Functional Characterization of RNA Silencing Suppressor P0 from Pea Mild Chlorosis Virus. International Journal of Molecular Sciences, 2020, 21, 7136. | 1.8 | 6 |
| 18 | Molecular Detection of Potato Viruses in Bangladesh and Their Phylogenetic Analysis. Plants, 2020, 9, 1413. | 1.6 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Development of polyclonal antisera against movement proteins from three poleroviruses infecting cucurbits. Phytopathology Research, 2020, 2, . | 0.9 | 1 |
| 20 | Genome-Wide microRNA Profiling Using Oligonucleotide Microarray Reveals Regulatory Networks of microRNAs in Nicotiana benthamiana During Beet Necrotic Yellow Vein Virus Infection. Viruses, 2020, 12, 310. | 1.5 | 18 |
| 21 | CCR4, a RNA decay factor, is hijacked by a plant cytorhabdovirus phosphoprotein to facilitate virus replication. ELife, 2020, 9, . | 2.8 | 20 |
| 22 | Interaction between Brassica yellows virus silencing suppressor P0 and plant SKP1 facilitates stability of P0 inÂvivo against degradation by proteasome and autophagy pathways. New Phytologist, 2019, 222, 1458-1473. | 3.5 | 41 |
| 23 | A Binucleate Rhizoctonia anastomosis group (AG-W) is the causal agent of sugar beet seedling damping-off disease in China. European Journal of Plant Pathology, 2019, 155, 53-69. | 0.8 | 6 |
| 24 | Sensitivity of Rhizoctonia spp. to flutolanil and characterization of the point mutation in succinate dehydrogenase conferring fungicide resistance. European Journal of Plant Pathology, 2019, 155, 13-23. | 0.8 | 20 |
| 25 | Development of polyclonal antiserum against movement protein from Potato leafroll virus and its application for the virus detection. Phytopathology Research, 2019, 1, . | 0.9 | 5 |
| 26 | The Three Essential Motifs in P0 for Suppression of RNA Silencing Activity of Potato leafroll virus Are Required for Virus Systemic Infection. Viruses, 2019, 11, 170. | 1.5 | 12 |
| 27 | Development of Beet necrotic yellow vein virusâ€based vectors for multipleâ€gene expression and guide <scp>RNA</scp> delivery in plant genome editing. Plant Biotechnology Journal, 2019, 17, 1302-1315. | 4.1 | 75 |
| 28 | Anastomosis group and pathogenicity of Rhizoctonia spp. associated with seedling damping-off of sugar beet in China. European Journal of Plant Pathology, 2019, 153, 869-878. | 0.8 | 14 |
| 29 | First Report of Potato Virus S Infecting Potatoes in Bangladesh. Plant Disease, 2019, 103, 781. | 0.7 | 7 |
| 30 | First Report of Potato virus H Infecting Potatoes in Bangladesh. Plant Disease, 2019, 103, 1051-1051. | 0.7 | 4 |
| 31 | First Report of Phytoplasma â€˜Candidatus Phytoplasma aurantifoliaâ€™ Associated with Purple Top Diseased Potatoes (Solanum tuberosum) in Guangdong Province, China. Plant Disease, 2019, 103, 1015-1015. | 0.7 | 5 |
| 32 | Brassica yellows virus P0 protein impairs the antiviral activity of NbRAF2 in Nicotiana benthamiana. Journal of Experimental Botany, 2018, 69, 3127-3139. | 2.4 | 22 |
| 33 | Barley stripe mosaic virus infection requires PKAâ€mediated phosphorylation of Î³b for suppression of both RNA silencing and the host cell death response. New Phytologist, 2018, 218, 1570-1585. | 3.5 | 40 |
| 34 | Barley Stripe Mosaic Virus Î³b Interacts with Glycolate Oxidase and Inhibits Peroxisomal ROS Production to Facilitate Virus Infection. Molecular Plant, 2018, 11, 338-341. | 3.9 | 46 |
| 35 | Hijacking of the nucleolar protein fibrillarin by TGB1 is required for cellâ€toâ€cell movement of Barley stripe mosaic virus. Molecular Plant Pathology, 2018, 19, 1222-1237. | 2.0 | 41 |
| 36 | Brassica yellows virusâ€™ movement protein upregulates anthocyanin accumulation, leading to the development of purple leaf symptoms on Arabidopsis thaliana. Scientific Reports, 2018, 8, 16273. | 1.6 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Diversity of Fusarium species associated with root rot of sugar beet in China. Journal of General Plant Pathology, 2018, 84, 321-329. | 0.6 | 20 |
| 38 | Barley stripe mosaic virus Î³b Protein Subverts Autophagy to Promote Viral Infection by Disrupting the ATG7-ATG8 Interaction. Plant Cell, 2018, 30, 1582-1595. | 3.1 | 114 |
| 39 | The Conserved Proline18 in the Polerovirus P3a Is Important for Brassica Yellows Virus Systemic Infection. Frontiers in Microbiology, 2018, 9, 613. | 1.5 | 16 |
| 40 | Synergistic infection of BrYV and PEMV 2 increases the accumulations of both BrYV and BrYV-derived siRNAs in Nicotiana benthamiana. Scientific Reports, 2017, 7, 45132. | 1.6 | 36 |
| 41 | Characterization of microRNAs of Beta macrocarpa and their responses to Beet necrotic yellow vein virus infection. PLoS ONE, 2017, 12, e0186500. | 1.1 | 7 |
| 42 | The Barley stripe mosaic virus Î³b protein promotes chloroplast-targeted replication by enhancing unwinding of RNA duplexes. PLoS Pathogens, 2017, 13, e1006319. | 2.1 | 65 |
| 43 | Rice black streaked dwarf virus P7-2 forms a SCF complex through binding to Oryza sativa SKP1-like proteins, and interacts with GID2 involved in the gibberellin pathway. PLoS ONE, 2017, 12, e0177518. | 1.1 | 28 |
| 44 | Improved Pathogenicity of a Beet Black Scorch Virus Variant by Low Temperature and Co-infection with Its Satellite RNA. Frontiers in Microbiology, 2016, 7, 1771. | 1.5 | 13 |
| 45 | Simultaneous detection and differentiation of three genotypes of Brassica yellows virus by multiplex reverse transcription-polymerase chain reaction. Virology Journal, 2016, 13, 189. | 1.4 | 17 |
| 46 | Phosphorylation of Beet black scorch virus coat protein by PKA is required for assembly and stability of virus particles. Scientific Reports, 2015, 5, 11585. | 1.6 | 26 |
| 47 | Transcriptome Analysis of Beta macrocarpa and Identification of Differentially Expressed Transcripts in Response to Beet Necrotic Yellow Vein Virus Infection. PLoS ONE, 2015, 10, e0132277. | 1.1 | 11 |
| 48 | Genetic diversity and population structure of beet necrotic yellow vein virus in China. Virus Research, 2015, 205, 54-62. | 1.1 | 12 |
| 49 | Phosphorylation of TGB1 by protein kinase CK2 promotes barley stripe mosaic virus movement in monocots and dicots. Journal of Experimental Botany, 2015, 66, 4733-4747. | 2.4 | 44 |
| 50 | Development of three full-length infectious cDNA clones of distinct brassica yellows virus genotypes for agrobacterium-mediated inoculation. Virus Research, 2015, 197, 13-16. | 1.1 | 25 |
| 51 | Deep Sequencingâ€“Based Transcriptome Profiling Reveals Comprehensive Insights into the Responses of Nicotiana benthamiana to Beet necrotic yellow vein virus Infections Containing or Lacking RNA4. PLoS ONE, 2014, 9, e85284. | 1.1 | 26 |
| 52 | Detection and identification of Fabavirus species by one-step RT-PCR and multiplex RT-PCR. Journal of Virological Methods, 2014, 197, 77-82. | 1.0 | 28 |
| 53 | Infection of Beet necrotic yellow vein virus with RNA4-encoded P31 specifically up-regulates pathogenesis-related protein 10 in Nicotiana benthamiana. Virology Journal, 2014, 11, 118. | 1.4 | 19 |
| 54 | Complete genome sequence analysis identifies a new genotype of brassica yellows virus that infects cabbage and radish in China. Archives of Virology, 2014, 159, 2177-2180. | 0.9 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Amino Acid Sequence Motifs Essential for P0-Mediated Suppression of RNA Silencing in an Isolate of Potato leafroll virus from Inner Mongolia. Molecular Plant-Microbe Interactions, 2014, 27, 515-527. | 1.4 | 47 |
| 56 | A report on the 10th International Congress of Plant Pathology. Food Security, 2013, 5, 895-898. | 2.4 | 0 |
| 57 | Nonstructural protein P7-2 encoded by Rice black-streaked dwarf virus interacts with SKP1, a core subunit of SCF ubiquitin ligase. Virology Journal, 2013, 10, 325. | 1.4 | 30 |
| 58 | Discovery and Characterization of a Novel Carlavirus Infecting Potatoes in China. PLoS ONE, 2013, 8, e69255. | 1.1 | 28 |
| 59 | Two distinct sites are essential for virulent infection and support of variant satellite RNA replication in spontaneous beet black scorch virus variants. Journal of General Virology, 2012, 93, 2718-2728. | 1.3 | 10 |
| 60 | Brachypodium distachyon line Bd3-1 resistance is elicited by the barley stripe mosaic virus triple gene block 1 movement protein. Journal of General Virology, 2012, 93, 2729-2739. | 1.3 | 33 |
| 61 | Validation of Reference Genes for Gene Expression Studies in Virus-Infected Nicotiana benthamiana Using Quantitative Real-Time PCR. PLoS ONE, 2012, 7, e46451. | 1.1 | 337 |
| 62 | Nucleotide sequence of a chickpea chlorotic stunt virus relative that infects pea and faba bean in China. Archives of Virology, 2012, 157, 1393-1396. | 0.9 | 6 |
| 63 | Complete genomic sequence analysis reveals a novel fabavirus infecting cucurbits in China. Archives of Virology, 2012, 157, 597-600. | 0.9 | 16 |
| 64 | The Evolutionary History of Beet necrotic yellow vein virus Deduced from Genetic Variation, Geographical Origin and Spread, and the Breaking of Host Resistance. Molecular Plant-Microbe Interactions, 2011, 24, 207-218. | 1.4 | 64 |
| 65 | Detection and characterization of spontaneous internal deletion mutants of Beet Necrotic yellow vein virus RNA3 from systemic host Nicotiana benthamiana. Virology Journal, 2011, 8, 335. | 1.4 | 10 |
| 66 | A novel strain of Beet western yellows virus infecting sugar beet with two distinct genotypes differing in the 5â€²-terminal half of genome. Virus Genes, 2011, 42, 141-149. | 0.7 | 10 |
| 67 | Molecular characterization of two genotypes of a new polerovirus infecting brassicas in China. Archives of Virology, 2011, 156, 2251-2255. | 0.9 | 47 |
| 68 | Rice black-streaked dwarf virus P6 self-interacts to form punctate, viroplasm-like structures in the cytoplasm and recruits viroplasm-associated protein P9-1. Virology Journal, 2011, 8, 24. | 1.4 | 37 |
| 69 | A High Throughput Barley Stripe Mosaic Virus Vector for Virus Induced Gene Silencing in Monocots and Dicots. PLoS ONE, 2011, 6, e26468. | 1.1 | 253 |
| 70 | Molecular characterization of two Chinese isolates of Beet western yellows virus infecting sugar beet. Virus Genes, 2010, 41, 105-110. | 0.7 | 6 |
| 71 | Ring structure amino acids affect the suppressor activity of melon aphid-borne yellows virus P0 protein. Virology, 2010, 406, 21-27. | 1.1 | 31 |
| 72 | Competition Between Cucumber Mosaic Virus Subgroup I and II Isolates in Tobacco. Journal of Phytopathology, 2009, 157, 457-464. | 0.5 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Distribution and molecular diversity of three cucurbit-infecting poleroviruses in China. Virus Research, 2009, 145, 341-346. | 1.1 | 39 |
| 74 | Complete nucleotide sequence of a new strain of Tobacco necrosis virus A infecting soybean in China and infectivity of its full-length cDNA clone. Virus Genes, 2008, 36, 259-266. | 0.7 | 19 |
| 75 | Phylogenetic analysis of Beet necrotic yellow vein virus isolates from China. Virus Genes, 2008, 36, 429-432. | 0.7 | 21 |
| 76 | Complete sequence analysis reveals two distinct poleroviruses infecting cucurbits in China. Archives of Virology, 2008, 153, 1155-1160. | 0.9 | 53 |
| 77 | First report on the occurrence of Cucurbit aphid-borne yellows virus on nine cucurbitaceous species in China. Plant Pathology, 2008, 57, 390-390. | 1.2 | 22 |
| 78 | RNA4-encoded p31 of beet necrotic yellow vein virus is involved in efficient vector transmission, symptom severity and silencing suppression in roots. Journal of General Virology, 2007, 88, 1611-1619. | 1.3 | 70 |
| 79 | Molecular characterization of two Chinese isolates of Beet mosaic virus. Virus Genes, 2007, 35, 795-799. | 0.7 | 6 |
| 80 | Analysis of the subgenomic RNAs and the small open reading frames of Beet black scorch virus. Journal of General Virology, 2006, 87, 3077-3086. | 1.3 | 30 |
| 81 | Two virus-encoded RNA silencing suppressors, P14 ofBeet necrotic yellow vein virus and S6 ofRice black streak dwarf virus. Science Bulletin, 2005, 50, 305-310. | 1.7 | 21 |
| 82 | Analysis of Nucleotide Sequences and Multimeric Forms of a Novel Satellite RNA Associated with Beet Black Scorch Virus. Journal of Virology, 2005, 79, 3664-3674. | 1.5 | 26 |
| 83 | Wheat yellow mosaic virus Widely Occurring in Wheat (Triticum aestivum) in China. Plant Disease, 2000, 84, 627-630. | 0.7 | 79 |
| 84 | Analysis of nucleotide sequence of wheat yellow mosaic virus genomic RNAs. Science in China Series C: Life Sciences, 1999, 42, 554-560. | 1.3 | 11 |
| 85 | Development of a reverse transcription loopâ€mediated isothermal amplification assay for rapid detection of strawberry crinkle virus. Journal of Phytopathology, 0, , . | 0.5 | 1 |