Jialin Yu

List of Publications by Year
in descending order

25 papers	1,293 citations	516710 16 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	1543 citing authors

#	Article	IF	Citations
1	Validation of Reference Genes for Gene Expression Studies in Virus-Infected Nicotiana benthamiana Using Quantitative Real-Time PCR. PLoS ONE, 2012, 7, e46451.	2.5	337
2	A High Throughput Barley Stripe Mosaic Virus Vector for Virus Induced Gene Silencing in Monocots and Dicots. PLoS ONE, 2011, 6, e26468.	2.5	253
3	Barley stripe mosaic virus Î³b Protein Subverts Autophagy to Promote Viral Infection by Disrupting the ATG7-ATG8 Interaction. Plant Cell, 2018, 30, 1582-1595.	6.6	114
4	The Barley stripe mosaic virus Î³b protein promotes chloroplast-targeted replication by enhancing unwinding of RNA duplexes. PLoS Pathogens, 2017, 13, e1006319.	4.7	65
5	Triple Gene Block Protein Interactions Involved in Movement of Barley Stripe Mosaic Virus. Journal of Virology, 2008, 82, 4991-5006.	3.4	61
6	Barley Stripe Mosaic Virus Î³b Interacts with Glycolate Oxidase and Inhibits Peroxisomal ROS Production to Facilitate Virus Infection. Molecular Plant, 2018, 11, 338-341.	8.3	46
7	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.	4.8	44
8	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.	4.2	41
9	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.	7.3	41
10	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.	7.3	40
11	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.	2.9	33
12	Analysis of the subgenomic RNAs and the small open reading frames of Beet black scorch virus. Journal of General Virology, 2006, 87, 3077-3086.	2.9	30
13	Barley stripe mosaic virus Î³b protein disrupts chloroplast antioxidant defenses to optimize viral replication. EMBO Journal, 2021, 40, e107660.	7.8	27
14	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.	2.5	26
15	Phosphorylation of Beet black scorch virus coat protein by PKA is required for assembly and stability of virus particles. Scientific Reports, 2015, 5, 11585.	3.3	26
16	The serine/threonine/tyrosine kinase STY46 defends against hordeivirus infection by phosphorylating Î³b protein. Plant Physiology, 2021, 186, 715-730.	4.8	19
17	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.	3.3	18
18	Casein Kinase 1 Regulates Cytorhabdovirus Replication and Transcription by Phosphorylating a Phosphoprotein Serine-Rich Motif. Plant Cell, 2020, 32, 2878-2897.	6.6	17

#	Article	IF	Citations
19	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.	2.5	11
20	Tobacco Necrosis Virus-A^C Single Coat Protein Amino Acid Substitutions Determine Host-Specific Systemic Infections of Nicotiana benthamiana and Soybean. Molecular Plant-Microbe Interactions, 2021, 34, 49-61.	2.6	11
21	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.	2.9	10
22	Competition Between Cucumber Mosaic Virus Subgroup I and II Isolates in Tobacco. Journal of Phytopathology, 2009, 157, 457-464.	1.0	7
23	Barley stripe mosaic virus Î³b protein targets thioredoxin h-type 1 to dampen salicylic acid-mediated defenses. Plant Physiology, 2022, 189, 1715-1727.	4.8	7
24	Functional Characterization of RNA Silencing Suppressor P0 from Pea Mild Chlorosis Virus. International Journal of Molecular Sciences, 2020, 21, 7136.	4.1	6
25	Palmitoylation of Î³b protein directs a dynamic switch between Barley stripe mosaic virus replication and movement. EMBO Journal, 2022, 41, .	7.8	3