

# Jialin Yu

## List of Publications by Year in descending order

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25  
papers

1,293  
citations

516710

16  
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580821

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26  
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26  
docs citations

26  
times ranked

1543  
citing authors

#	ARTICLE	IF	CITATIONS
1	Barley stripe mosaic virus $\Omega$ protein targets thioredoxin h-type 1 to dampen salicylic acid-mediated defenses. <i>Plant Physiology</i> , 2022, 189, 1715-1727.	4.8	7
2	Palmitoylation of $\Omega$ protein directs a dynamic switch between <i>Barley stripe mosaic virus</i> replication and movement. <i>EMBO Journal</i> , 2022, 41, .	7.8	3
3	Tobacco Necrosis Virus-A <sup>C</sup> Single Coat Protein Amino Acid Substitutions Determine Host-Specific Systemic Infections of <i>Nicotiana benthamiana</i> and Soybean. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 49-61.	2.6	11
4	The serine/threonine/tyrosine kinase STY46 defends against hordeivirus infection by phosphorylating $\Omega$ protein. <i>Plant Physiology</i> , 2021, 186, 715-730.	4.8	19
5	<i>Barley stripe mosaic virus</i> $\Omega$ protein disrupts chloroplast antioxidant defenses to optimize viral replication. <i>EMBO Journal</i> , 2021, 40, e107660.	7.8	27
6	Functional Characterization of RNA Silencing Suppressor PO from Pea Mild Chlorosis Virus. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7136.	4.1	6
7	Genome-Wide microRNA Profiling Using Oligonucleotide Microarray Reveals Regulatory Networks of microRNAs in <i>Nicotiana benthamiana</i> During Beet Necrotic Yellow Vein Virus Infection. <i>Viruses</i> , 2020, 12, 310.	3.3	18
8	Casein Kinase 1 Regulates Cytorhabdovirus Replication and Transcription by Phosphorylating a Phosphoprotein Serine-Rich Motif. <i>Plant Cell</i> , 2020, 32, 2878-2897.	6.6	17
9	Interaction between Brassica yellows virus silencing suppressor PO and plant SKP1 facilitates stability of PO <i>in vivo</i> against degradation by proteasome and autophagy pathways. <i>New Phytologist</i> , 2019, 222, 1458-1473.	7.3	41
10	<i>Barley stripe mosaic virus</i> infection requires PKA-mediated phosphorylation of $\Omega$ for suppression of both RNA silencing and the host cell death response. <i>New Phytologist</i> , 2018, 218, 1570-1585.	7.3	40
11	Barley Stripe Mosaic Virus $\Omega$ Interacts with Glycolate Oxidase and Inhibits Peroxisomal ROS Production to Facilitate Virus Infection. <i>Molecular Plant</i> , 2018, 11, 338-341.	8.3	46
12	Hijacking of the nucleolar protein fibrillarin by TGB1 is required for cell-to-cell movement of <i>Barley stripe mosaic virus</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 1222-1237.	4.2	41
13	<i>Barley stripe mosaic virus</i> $\Omega$ Protein Subverts Autophagy to Promote Viral Infection by Disrupting the ATG7-ATG8 Interaction. <i>Plant Cell</i> , 2018, 30, 1582-1595.	6.6	114
14	The Barley stripe mosaic virus $\Omega$ protein promotes chloroplast-targeted replication by enhancing unwinding of RNA duplexes. <i>PLoS Pathogens</i> , 2017, 13, e1006319.	4.7	65
15	Phosphorylation of Beet black scorch virus coat protein by PKA is required for assembly and stability of virus particles. <i>Scientific Reports</i> , 2015, 5, 11585.	3.3	26
16	Transcriptome Analysis of Beta macrocarpa and Identification of Differentially Expressed Transcripts in Response to Beet Necrotic Yellow Vein Virus Infection. <i>PLoS ONE</i> , 2015, 10, e0132277.	2.5	11
17	Phosphorylation of TGB1 by protein kinase CK2 promotes barley stripe mosaic virus movement in monocots and dicots. <i>Journal of Experimental Botany</i> , 2015, 66, 4733-4747.	4.8	44
18	Deep Sequencing-Based Transcriptome Profiling Reveals Comprehensive Insights into the Responses of <i>Nicotiana benthamiana</i> to Beet necrotic yellow vein virus Infections Containing or Lacking RNA4. <i>PLoS ONE</i> , 2014, 9, e85284.	2.5	26

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19	Two distinct sites are essential for virulent infection and support of variant satellite RNA replication in spontaneous beet black scorch virus variants. <i>Journal of General Virology</i> , 2012, 93, 2718-2728.	2.9	10
20	Brachypodium distachyon line Bd3-1 resistance is elicited by the barley stripe mosaic virus triple gene block 1 movement protein. <i>Journal of General Virology</i> , 2012, 93, 2729-2739.	2.9	33
21	Validation of Reference Genes for Gene Expression Studies in Virus-Infected <i>Nicotiana benthamiana</i> Using Quantitative Real-Time PCR. <i>PLoS ONE</i> , 2012, 7, e46451.	2.5	337
22	A High Throughput Barley Stripe Mosaic Virus Vector for Virus Induced Gene Silencing in Monocots and Dicots. <i>PLoS ONE</i> , 2011, 6, e26468.	2.5	253
23	Competition Between <i>Cucumber Mosaic Virus</i> Subgroup I and II Isolates in Tobacco. <i>Journal of Phytopathology</i> , 2009, 157, 457-464.	1.0	7
24	Triple Gene Block Protein Interactions Involved in Movement of Barley Stripe Mosaic Virus. <i>Journal of Virology</i> , 2008, 82, 4991-5006.	3.4	61
25	Analysis of the subgenomic RNAs and the small open reading frames of Beet black scorch virus. <i>Journal of General Virology</i> , 2006, 87, 3077-3086.	2.9	30