

Yi Xu

List of Publications by Year in descending order

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33
papers

1,155
citations

430874

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395702

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docs citations

34
times ranked

1073
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between Rice stripe virus Disease-Specific Protein and Host PsbP Enhances Virus Symptoms. <i>Molecular Plant</i> , 2014, 7, 691-708.	8.3	153
2	Rice Stripe Virus Interferes with S-acylation of Remorin and Induces Its Autophagic Degradation to Facilitate Virus Infection. <i>Molecular Plant</i> , 2018, 11, 269-287.	8.3	109
3	Population Diversity of Rice Stripe Virus-Derived siRNAs in Three Different Hosts and RNAi-Based Antiviral Immunity in <i>Laodelphax striatellus</i> . <i>PLoS ONE</i> , 2012, 7, e46238.	2.5	94
4	Transcriptome and Comparative Gene Expression Analysis of <i>Sogatella furcifera</i> (Horváth) in Response to Southern Rice Black-Streaked Dwarf Virus. <i>PLoS ONE</i> , 2012, 7, e36238.	2.5	79
5	V2 protein encoded by Tomato yellow leaf curl China virus is an RNA silencing suppressor. <i>Virus Research</i> , 2012, 163, 51-58.	2.2	77
6	Genomic Insights into the Glutathione S-Transferase Gene Family of Two Rice Planthoppers, <i>Nilaparvata lugens</i> (Stål) and <i>Sogatella furcifera</i> (Horváth) (Hemiptera: Delphacidae). <i>PLoS ONE</i> , 2013, 8, e56604.	2.5	73
7	<i>Rice stripe virus</i> : Exploring Molecular Weapons in the Arsenal of a Negative-Sense RNA Virus. <i>Annual Review of Phytopathology</i> , 2021, 59, 351-371.	7.8	46
8	Size-Independent and Noncooperative Recognition of dsRNA by the Rice Stripe Virus RNA Silencing Suppressor NS3. <i>Journal of Molecular Biology</i> , 2010, 404, 665-679.	4.2	45
9	Rice Stripe Tenuivirus NSvc2 Glycoproteins Targeted to the Golgi Body by the N-Terminal Transmembrane Domain and Adjacent Cytosolic 24 Amino Acids via the COP I- and COP II-Dependent Secretion Pathway. <i>Journal of Virology</i> , 2014, 88, 3223-3234.	3.4	42
10	Analysis of genetic variation and diversity of Rice stripe virus populations through high-throughput sequencing. <i>Frontiers in Plant Science</i> , 2015, 6, 176.	3.6	37
11	Role of rice stripe virus NSvc4 in cell-to-cell movement and symptom development in <i>Nicotiana benthamiana</i> . <i>Frontiers in Plant Science</i> , 2012, 3, 269.	3.6	36
12	Rice Stripe Tenuivirus Nonstructural Protein 3 Hijacks the 26S Proteasome of the Small Brown Planthopper via Direct Interaction with Regulatory Particle Non-ATPase Subunit 3. <i>Journal of Virology</i> , 2015, 89, 4296-4310.	3.4	36
13	A Stem-Loop Structure in <i>Potato Leafroll Virus</i> Open Reading Frame 5 (ORF5) Is Essential for Readthrough Translation of the Coat Protein ORF Stop Codon 700 Bases Upstream. <i>Journal of Virology</i> , 2018, 92, .	3.4	33
14	Transmission modes affect the population structure of potato virus Y in potato. <i>PLoS Pathogens</i> , 2020, 16, e1008608.	4.7	31
15	Aphids and their transmitted potato viruses: A continuous challenges in potato crops. <i>Journal of Integrative Agriculture</i> , 2020, 19, 367-375.	3.5	26
16	Dynamic Transcriptional Profiles of <i>Arabidopsis thaliana</i> Infected by <i>Tomato spotted wilt virus</i> . <i>Phytopathology</i> , 2020, 110, 153-163.	2.2	25
17	The Interaction Dynamics of Two Potato Leafroll Virus Movement Proteins Affects Their Localization to the Outer Membranes of Mitochondria and Plastids. <i>Viruses</i> , 2018, 10, 585.	3.3	22
18	Identification of Himetobi P virus in the small brown planthopper by deep sequencing and assembly of virus-derived small interfering RNAs. <i>Virus Research</i> , 2014, 179, 235-240.	2.2	20

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19	An aromatic amino acid and associated helix in the C-terminus of the potato leafroll virus minor capsid protein regulate systemic infection and symptom expression. <i>PLoS Pathogens</i> , 2018, 14, e1007451.	4.7	19
20	A new distinct geminivirus causes soybean stay-green disease. <i>Molecular Plant</i> , 2022, 15, 927-930.	8.3	17
21	Plant Viruses Transmitted in Two Different Modes Produce Differing Effects on Small RNA-Mediated Processes in Their Aphid Vector. <i>Phytobiomes Journal</i> , 2019, 3, 71-81.	2.7	16
22	An evolutionarily conserved C4HC3-type E3 ligase regulates plant broad-spectrum resistance against pathogens. <i>Plant Cell</i> , 2022, 34, 1822-1843.	6.6	16
23	The unfolded protein response plays dual roles in rice stripe virus infection through fine-tuning the movement protein accumulation. <i>PLoS Pathogens</i> , 2021, 17, e1009370.	4.7	15
24	Cytoplasmic and nuclear Swã€b NLR act both independently and synergistically to confer full host defense against tospovirus infection. <i>New Phytologist</i> , 2021, 231, 2262-2281.	7.3	15
25	Identification of Hop stunt viroid infecting Citrus limon in China using small RNAs deep sequencing approach. <i>Virology Journal</i> , 2015, 12, 103.	3.4	12
26	Discovery and small RNA profile of Pecan mosaic-associated virus, a novel potyvirus of pecan trees. <i>Scientific Reports</i> , 2016, 6, 26741.	3.3	12
27	Identification of two novel poleroviruses and the occurrence of Tobacco bushy top disease causal agents in natural plants. <i>Scientific Reports</i> , 2021, 11, 21045.	3.3	11
28	Rice stripe virus activates the bZIP17/28 branch of the unfolded protein response signalling pathway to promote viral infection. <i>Molecular Plant Pathology</i> , 2022, 23, 447-458.	4.2	10
29	Development of a Mini-Replicon-Based Reverse-Genetics System for Rice Stripe Tenuivirus. <i>Journal of Virology</i> , 2021, 95, e0058921.	3.4	8
30	Complete genome sequence of a lettuce chlorosis virus isolate from China and genome recombination/rearrangement analysis. <i>Archives of Virology</i> , 2018, 163, 751-754.	2.1	7
31	NSvc4 Encoded by Rice Stripe Virus Targets Host Chloroplasts to Suppress Chloroplast-Mediated Defense. <i>Viruses</i> , 2022, 14, 36.	3.3	6
32	Viral Small RNA-Based Screening of <i>Malus</i> spp. Reveals Citrus Leaf Blotch Virus Infection of Kaido Crab Apple in China. <i>Plant Disease</i> , 2020, 104, 3272-3272.	1.4	4
33	Synergism Among the Four Tobacco Bushy Top Disease Casual Agents in Symptom Induction and Aphid Transmission. <i>Frontiers in Microbiology</i> , 2022, 13, 846857.	3.5	3