

Tong Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,410
citations

430874

18
h-index

414414

32
g-index

32
all docs

32
docs citations

32
times ranked

3416
citing authors

#	ARTICLE	IF	CITATIONS
1	A viral protein orchestrates rice ethylene signaling to coordinate viral infection and insect vector-mediated transmission. <i>Molecular Plant</i> , 2022, 15, 689-705.	8.3	17
2	A virus-derived small RNA targets the rice transcription factor ROC1 to induce disease-like symptom. <i>Phytopathology Research</i> , 2022, 4, .	2.4	5
3	On the initiation of jasmonate biosynthesis in wounded leaves. <i>Plant Physiology</i> , 2022, 189, 1925-1942.	4.8	11
4	Mutualism promotes insect fitness by fungal nutrient compensation and facilitates fungus propagation by mediating insect oviposition preference. <i>ISME Journal</i> , 2022, 16, 1831-1842.	9.8	8
5	Rice Stripe Mosaic Disease: Characteristics and Control Strategies. <i>Frontiers in Microbiology</i> , 2021, 12, 715223.	3.5	8
6	Resistance Evaluation of Dominant Varieties against Southern Rice Black-Streaked Dwarf Virus in Southern China. <i>Viruses</i> , 2021, 13, 1501.	3.3	4
7	Engineering plant virus resistance: from <scp>RNA</scp> silencing to genome editing strategies. <i>Plant Biotechnology Journal</i> , 2020, 18, 328-336.	8.3	64
8	Development of a Specific Polymerase Chain Reaction System for the Detection of Rice Orange Leaf Phytoplasma. <i>Plant Disease</i> , 2020, 104, 521-526.	1.4	2
9	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	2.1	184
10	A light-dependent molecular link between competition cues and defence responses in plants. <i>Nature Plants</i> , 2020, 6, 223-230.	9.3	92
11	Friend or Enemy: A Dual Role of Autophagy in Plant Virus Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 736.	3.5	21
12	Establishing <scp>CRISPR</scp>/Cas13a immune system conferring <scp>RNA</scp> virus resistance in both dicot and monocot plants. <i>Plant Biotechnology Journal</i> , 2019, 17, 1185-1187.	8.3	112
13	Symptoms and yield loss caused by rice stripe mosaic virus. <i>Virology Journal</i> , 2019, 16, 145.	3.4	16
14	Identification of viruses infecting sweet potato in southern China by small RNA deep sequencing and PCR detection. <i>Journal of General Plant Pathology</i> , 2019, 85, 122-127.	1.0	2
15	Establishing <scp>RNA</scp> virus resistance in plants by harnessing <scp>CRISPR</scp> immune system. <i>Plant Biotechnology Journal</i> , 2018, 16, 1415-1423.	8.3	189
16	Extracellular ATP Acts on Jasmonate Signaling to Reinforce Plant Defense. <i>Plant Physiology</i> , 2018, 176, 511-523.	4.8	108
17	Geographic Distribution and Genetic Diversity of Rice Stripe Mosaic Virus in Southern China. <i>Frontiers in Microbiology</i> , 2018, 9, 3068.	3.5	14
18	Impact of Two Reoviruses and Their Coinfection on the Rice RNAi System and vsiRNA Production. <i>Viruses</i> , 2018, 10, 594.	3.3	17

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19	Glutamate triggers long-distance, calcium-based plant defense signaling. <i>Science</i> , 2018, 361, 1112-1115.	12.6	624
20	Metabolomic Changes in <i>Sogatella furcifera</i> under Southern rice black-streaked dwarf virus Infection and Temperature Stress. <i>Viruses</i> , 2018, 10, 344.	3.3	8
21	Transmission Biology of Rice Stripe Mosaic Virus by an Efficient Insect Vector <i>Recilia dorsalis</i> (Hemiptera: Cicadellidae). <i>Frontiers in Microbiology</i> , 2017, 8, 2457.	3.5	40
22	Co-infection of two reoviruses increases both viruses accumulation in rice by up-regulating of viroplasm components and movement proteins bilaterally and RNA silencing suppressor unilaterally. <i>Virology Journal</i> , 2017, 14, 150.	3.4	12
23	Virus altered rice attractiveness to planthoppers is mediated by volatiles and related to virus titre and expression of defence and volatile-biosynthesis genes. <i>Scientific Reports</i> , 2016, 6, 38581.	3.3	28
24	Hormone crosstalk in wound stress response: wound-inducible amidohydrolases can simultaneously regulate jasmonate and auxin homeostasis in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2016, 67, 2107-2120.	4.8	63
25	A Novel DNA Motif Contributes to Selective Replication of a Geminivirus-Associated Betasatellite by a Helper Virus-Encoded Replication-Related Protein. <i>Journal of Virology</i> , 2016, 90, 2077-2089.	3.4	31
26	Mutations in jasmonoyl-L-isoleucine-12-hydroxylases suppress multiple JA-dependent wound responses in <i>Arabidopsis thaliana</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1396-1408.	2.4	38
27	Rice Stripe Mosaic Virus, a Novel Cytorhabdovirus Infecting Rice via Leafhopper Transmission. <i>Frontiers in Microbiology</i> , 2016, 7, 2140.	3.5	82
28	Loss of <i>Arabidopsis thaliana</i> Dynamin-Related Protein 2B Reveals Separation of Innate Immune Signaling Pathways. <i>PLoS Pathogens</i> , 2014, 10, e1004578.	4.7	96
29	Endoplasmic Reticulum-associated Inactivation of the Hormone Jasmonoyl-L-Isoleucine by Multiple Members of the Cytochrome P450 94 Family in <i>Arabidopsis</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 29728-29738.	3.4	96
30	Specific Cells in the Primary Salivary Glands of the Whitefly <i>Bemisia tabaci</i> Control Retention and Transmission of Begomoviruses. <i>Journal of Virology</i> , 2014, 88, 13460-13468.	3.4	85
31	Suppression of terpenoid synthesis in plants by a virus promotes its mutualism with vectors. <i>Ecology Letters</i> , 2013, 16, 390-398.	6.4	161
32	Begomovirus "whitefly mutualism is achieved through repression of plant defences by a virus pathogenicity factor. <i>Molecular Ecology</i> , 2012, 21, 1294-1304.	3.9	172