

Dehui Xi

List of Publications by Year in descending order

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40
papers

704
citations

516710

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580821

25
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docs citations

40
times ranked

819
citing authors

#	ARTICLE	IF	CITATIONS
1	Orchestration of hydrogen peroxide and nitric oxide in brassinosteroid-mediated systemic virus resistance in <i>Nicotiana benthamiana</i> . <i>Plant Journal</i> , 2016, 85, 478-493.	5.7	97
2	BAK1 and BKK1 in <i>Arabidopsis thaliana</i> confer reduced susceptibility to turnip crinkle virus. <i>European Journal of Plant Pathology</i> , 2010, 127, 149-156.	1.7	50
3	Prokaryotic expression of pathogenesis related protein 1 gene from <i>Nicotiana benthamiana</i> : antifungal activity and preparation of its polyclonal antibody. <i>Biotechnology Letters</i> , 2012, 34, 919-924.	2.2	41
4	The Chilli Veinal Mottle Virus Regulates Expression of the Tobacco Mosaic Virus Resistance Gene N and Jasmonic Acid/Ethylene Signaling Is Essential for Systemic Resistance Against Chilli Veinal Mottle Virus in Tobacco. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 382-394.	1.8	35
5	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
6	Chilli veinal mottle virus HCPro interacts with catalase to facilitate virus infection in <i>Nicotiana tabacum</i> . <i>Journal of Experimental Botany</i> , 2020, 71, 5656-5668.	4.8	28
7	Tobacco alpha-expansin EXPA4 plays a role in <i>Nicotiana benthamiana</i> defence against Tobacco mosaic virus. <i>Planta</i> , 2018, 247, 355-368.	3.2	27
8	Role of Transcription Factor HAT1 in Modulating <i>Arabidopsis thaliana</i> Response to Cucumber mosaic virus. <i>Plant and Cell Physiology</i> , 2016, 57, 1879-1889.	3.1	26
9	Alpha-momorcharin enhances Tobacco mosaic virus resistance in tobacco NN by manipulating jasmonic acid-salicylic acid crosstalk. <i>Journal of Plant Physiology</i> , 2018, 223, 116-126.	3.5	26
10	Phytochrome A and B Negatively Regulate Salt Stress Tolerance of <i>Nicotiana tabacum</i> via ABA-Jasmonic Acid Synergistic Cross-Talk. <i>Plant and Cell Physiology</i> , 2018, 59, 2381-2393.	3.1	24
11	Effects of Light Quality on the Interaction between Cucumber Mosaic Virus and <i>Nicotiana tabacum</i> . <i>Journal of Phytopathology</i> , 2015, 163, 1002-1013.	1.0	23
12	Interference Between Tobacco necrosis virus and Turnip crinkle virus in <i>Nicotiana benthamiana</i> . <i>Journal of Phytopathology</i> , 2010, 158, 263-269.	1.0	21
13	A critical domain of Sweet potato chlorotic fleck virus nucleotide-binding protein (<i>NaBp</i>) for RNA silencing suppression, nuclear localization and viral pathogenesis. <i>Molecular Plant Pathology</i> , 2015, 16, 365-375.	4.2	20
14	Complete nucleotide sequence of a new strain of Tobacco necrosis virus A infecting soybean in China and infectivity of its full-length cDNA clone. <i>Virus Genes</i> , 2008, 36, 259-266.	1.6	19
15	RNA-seq approach to analysis of gene expression profiles in dark green islands and light green tissues of Cucumber mosaic virus-infected <i>Nicotiana tabacum</i> . <i>PLoS ONE</i> , 2017, 12, e0175391.	2.5	18
16	Application of Jasmonic Acid Followed by Salicylic Acid Inhibits Cucumber mosaic virus Replication. <i>Plant Pathology Journal</i> , 2011, 27, 53-58.	1.7	18
17	Temperature dependent defence of <i>Nicotiana tabacum</i> against Cucumber mosaic virus and recovery occurs with the formation of dark green islands. <i>Journal of Plant Biology</i> , 2016, 59, 293-301.	2.1	17
18	Characterisation of the dark green islands of cucumber mosaic virus infected <i>Nicotiana tabacum</i> . <i>Plant Cell Reports</i> , 2015, 34, 1225-1238.	5.6	15

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19	The role of phytochromes in <i>Nicotiana tabacum</i> against Chilli veinal mottle virus. <i>Plant Physiology and Biochemistry</i> , 2019, 139, 470-477.	5.8	15
20	Involvement of PHYB in resistance to Cucumber mosaic virus in <i>Nicotiana tabacum</i> . <i>Plant Growth Regulation</i> , 2015, 77, 33-42.	3.4	14
21	Mitochondrial alternative oxidase is involved in both compatible and incompatible host-virus combinations in <i>Nicotiana benthamiana</i> . <i>Plant Science</i> , 2015, 239, 26-35.	3.6	14
22	Identification and phylogenetic analysis of orf virus from goats in Taiwan. <i>Virus Genes</i> , 2007, 33, 293-8.	1.6	13
23	First Report of Actinidia Virus 1 Infecting <i>Actinidia chinensis</i> in China. <i>Plant Disease</i> , 2019, 103, 782-782.	1.4	12
24	N gene enhances resistance to Chilli veinal mottle virus and hypersensitivity to salt stress in tobacco. <i>Journal of Plant Physiology</i> , 2018, 230, 92-100.	3.5	11
25	Development and application of a reverse transcription loop-mediated isothermal amplification combined with lateral flow dipstick for rapid and visual detection of Citrus leaf blotch virus in kiwifruit. <i>Crop Protection</i> , 2021, 143, 105555.	2.1	11
26	The small GTPase NtRHO1 negatively regulates tobacco defense response to tobacco mosaic virus by interacting with NtWRKY50. <i>Journal of Experimental Botany</i> , 2022, 73, 366-381.	4.8	11
27	Effects of light intensity on the susceptibility of <i>Nicotiana tabacum</i> to cucumber mosaic virus. <i>Journal of General Plant Pathology</i> , 2015, 81, 399-408.	1.0	9
28	The capsid protein p38 of turnip crinkle virus is associated with the suppression of cucumber mosaic virus in <i>Arabidopsis thaliana</i> co-infected with cucumber mosaic virus and turnip crinkle virus. <i>Virology</i> , 2014, 462-463, 71-80.	2.4	8
29	A multiple reverse transcription PCR assay for simultaneous detection of four main viruses in kiwifruit. <i>European Journal of Plant Pathology</i> , 2020, 156, 1207-1212.	1.7	8
30	Interaction between <i>Cucumber mosaic virus</i> and <i>Turnip crinkle virus</i> in <i>Arabidopsis thaliana</i> . <i>Journal of Phytopathology</i> , 2010, 158, 833-836.	1.0	7
31	The Role of Photoreceptors in Response to Cucumber Mosaic Virus in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Growth Regulation</i> , 2017, 36, 257-270.	5.1	7
32	A more sensitive and rapid multiplex RT-PCR assay combining with magnetic nanobeads for simultaneous detection of viruses in sweet potato. <i>European Journal of Plant Pathology</i> , 2014, 140, 111-117.	1.7	6
33	Cytokinin receptor CRE1 is required for the defense response of <i>Nicotiana tabacum</i> to Chilli veinal mottle virus. <i>Plant Growth Regulation</i> , 2020, 90, 545-555.	3.4	5
34	The interaction between Turnip crinkle virus p38 and Cucumber mosaic virus 2b and its critical domains. <i>Virus Research</i> , 2016, 222, 94-105.	2.2	4
35	NtAGO1 positively regulates the generation and viral resistance of dark green islands in <i>Nicotiana tabacum</i> . <i>Plant Physiology and Biochemistry</i> , 2022, 174, 1-10.	5.8	4
36	Turnip crinkle virus with nonviral gene cancels the effect of silencing suppressors of P19 and 2b in <i>Arabidopsis thaliana</i> . <i>Physiological and Molecular Plant Pathology</i> , 2014, 88, 94-100.	2.5	3

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37	Role of jasmonate in <i>Lolium perenne</i> compensatory growth and photosynthesis: uncoupling with photosynthesis and differential effects on growth. <i>Acta Physiologiae Plantarum</i> , 2020, 42, 1.	2.1	3
38	A <i>Turnip crinkle virus</i> Isolate Lacking the CP Counter-Defence Protein Gene Providing Protection Against the Wild-Type Strain is Associated with Highly Localized RNA Silencing. <i>Journal of Phytopathology</i> , 2014, 162, 758-769.	1.0	2
39	Occurrence of cucumber mosaic virus subgroup II and its genetic diversity in Sichuan, southwest of China. <i>Journal of Plant Pathology</i> , 2018, 100, 555-559.	1.2	2
40	A mutation in the cytokinin receptor CRE1 enhances susceptibility to tobacco mosaic virus in <i>Nicotiana tabacum</i> . <i>European Journal of Plant Pathology</i> , 2021, 160, 15-25.	1.7	0