Dehui Xi

List of Publications by Year
in descending order

40 papers	704 citations	516710 16 h-index	580821 25 g-index
40 all docs	40 docs citations	40 times ranked	819 citing authors

#	Article	IF	Citations
1	The small GTPase NtRHO1 negatively regulates tobacco defense response to tobacco mosaic virus by interacting with NtWRKY50. Journal of Experimental Botany, 2022, 73, 366-381.	4.8	11
2	NtAGO1 positively regulates the generation and viral resistance of dark green islands in Nicotiana tabacum. Plant Physiology and Biochemistry, 2022, 174, 1-10.	5.8	4
3	A mutation in the cytokinin receptor CRE1 enhances susceptibility to tobacco mosaic virus in Nicotiana tabacum. European Journal of Plant Pathology, 2021, 160, 15-25.	1.7	0
4	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. Crop Protection, 2021, 143, 105555.	2.1	11
5	Role of jasmonate in Lolium perenne compensatory growth and photosynthesis: uncoupling with photosynthesis and differential effects on growth. Acta Physiologiae Plantarum, 2020, 42, 1.	2.1	3
6	Chilli veinal mottle virus HCPro interacts with catalase to facilitate virus infection in Nicotiana tabacum. Journal of Experimental Botany, 2020, 71, 5656-5668.	4.8	28
7	A multiple reverse transcription PCR assay for simultaneous detection of four main viruses in kiwifruit. European Journal of Plant Pathology, 2020, 156, 1207-1212.	1.7	8
8	Cytokinin receptor CRE1 is required for the defense response of Nicotiana tabacum to Chilli veinal mottle virus. Plant Growth Regulation, 2020, 90, 545-555.	3.4	5
9	The role of phytochromes in Nicotiana tabacum against Chilli veinal mottle virus. Plant Physiology and Biochemistry, 2019, 139, 470-477.	5.8	15
10	First Report of Actinidia Virus 1 Infecting Actinidia chinensis in China. Plant Disease, 2019, 103, 782-782.	1.4	12
11	Alpha-momorcharin enhances Tobacco mosaic virus resistance in tobacco NN by manipulating jasmonic acid-salicylic acid crosstalk. Journal of Plant Physiology, 2018, 223, 116-126.	3.5	26
12	Tobacco alpha-expansin EXPA4 plays a role in Nicotiana benthamiana defence against Tobacco mosaic virus. Planta, 2018, 247, 355-368.	3.2	27
13	N gene enhances resistance to Chilli veinal mottle virus and hypersensitivity to salt stress in tobacco. Journal of Plant Physiology, 2018, 230, 92-100.	3.5	11
14	Phytochrome A and B Negatively Regulate Salt Stress Tolerance of Nicotiana tobacum via ABAâ€“Jasmonic Acid Synergistic Cross-Talk. Plant and Cell Physiology, 2018, 59, 2381-2393.	3.1	24
15	Occurrence of cucumber mosaic virus subgroup II and its genetic diversity in Sichuan, southwest of China. Journal of Plant Pathology, 2018, 100, 555-559.	1.2	2
16	The Role of Photoreceptors in Response to Cucumber Mosaic Virus in Arabidopsis thaliana. Journal of Plant Growth Regulation, 2017, 36, 257-270.	5.1	7
17	RNA-seq approach to analysis of gene expression profiles in dark green islands and light green tissues of Cucumber mosaic virus-infected Nicotiana tabacum. PLoS ONE, 2017, 12, e0175391.	2.5	18
18	Orchestration of hydrogen peroxide and nitric oxide in brassinosteroidâ€mediated systemic virus resistance in Nicotiana benthamiana. Plant Journal, 2016, 85, 478-493.	5.7	97

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19	Temperature dependent defence of Nicotiana tabacum against Cucumber mosaic virus and recovery occurs with the formation of dark green islands. Journal of Plant Biology, 2016, 59, 293-301.	2.1	17
20	Role of Transcription Factor HAT1 in ModulatingArabidopsis thalianaResponse toCucumber mosaic virus. Plant and Cell Physiology, 2016, 57, 1879-1889.	3.1	26
21	The interaction between Turnip crinkle virus p38 and Cucumber mosaic virus 2b and its critical domains. Virus Research, 2016, 222, 94-105.	2.2	4
22	Effects of Light Quality on the Interaction between Cucumber Mosaic Virus and Nicotiana tabacum. Journal of Phytopathology, 2015, 163, 1002-1013.	1.0	23
23	Involvement of PHYB in resistance to Cucumber mosaic virus in Nicotiana tabacum. Plant Growth Regulation, 2015, 77, 33-42.	3.4	14
24	Effects of light intensity on the susceptibility of Nicotiana tabacum to cucumber mosaic virus. Journal of General Plant Pathology, 2015, 81, 399-408.	1.0	9
25	Mitochondrial alternative oxidase is involved in both compatible and incompatible host-virus combinations in Nicotiana benthamiana. Plant Science, 2015, 239, 26-35.	3.6	14
26	Characterisation of the dark green islands of cucumber mosaic virus infected Nicotiana tabacum. Plant Cell Reports, 2015, 34, 1225-1238.	5.6	15
27	A critical domain of Sweet potato chlorotic fleck virus nucleotideâ€binding protein (<scp>NaBp</scp>) for <scp>RNA</scp> silencing suppression, nuclear localization and viral pathogenesis. Molecular Plant Pathology, 2015, 16, 365-375.	4.2	20
28	A Turnip crinkle virus Isolate Lacking the CP Counterâ€Defence Protein Gene Providing Protection Against the Wildâ€Type Strain is Associated with Highly Localized RNA Silencing. Journal of Phytopathology, 2014, 162, 758-769.	1.0	2
29	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. Plant Molecular Biology Reporter, 2014, 32, 382-394.	1.8	35
30	Turnip crinkle virus with nonviral gene cancels the effect of silencing suppressors of P19 and 2b in Arabidopsis thaliana. Physiological and Molecular Plant Pathology, 2014, 88, 94-100.	2.5	3
31	A more sensitive and rapid multiplex RT-PCR assay combining with magnetic nanobeads for simultaneous detection of viruses in sweet potato. European Journal of Plant Pathology, 2014, 140, 111-117.	1.7	6
32	The capsid protein p38 of turnip crinkle virus is associated with the suppression of cucumber mosaic virus in Arabidopsis thaliana co-infected with cucumber mosaic virus and turnip crinkle virus. Virology, 2014, 462-463, 71-80.	2.4	8
33	Prokaryotic expression of pathogenesis related protein 1 gene from Nicotiana benthamiana: antifungal activity and preparation of its polyclonal antibody. Biotechnology Letters, 2012, 34, 919-924.	2.2	41
34	Application of Jasmonic Acid Followed by Salicylic Acid Inhibits Cucumber mosaic virus Replication. Plant Pathology Journal, 2011, 27, 53-58.	1.7	18
35	BAK1 and BKK1 in Arabidopsis thaliana confer reduced susceptibility to turnip crinkle virus. European Journal of Plant Pathology, 2010, 127, 149-156.	1.7	50
36	Interference BetweenTobacco necrosis virusandTurnip crinkle virusinNicotiana benthamiana. Journal of Phytopathology, 2010, 158, 263-269.	1.0	21

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37	Interaction between Cucumber mosaic virus and Turnip crinkle virus in Arabidopsis thaliana. Journal of Phytopathology, 2010, 158, 833-836.	1.0	7
38	Complete nucleotide sequence of a new strain of Tobacco necrosis virus A infecting soybean in China and infectivity of its full-length cDNA clone. Virus Genes, 2008, 36, 259-266.	1.6	19
39	Identification and phylogenetic analysis of orf virus from goats in Taiwan. Virus Genes, 2007, 33, 293-8.	1.6	13
40	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