Zhenghe Li

List of Publications by Year
in descending order

46	2,507	236925 25	233421 45
papers	citations	h-index	g-index

47	47	47	1759
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Split-Luciferase Complementation for Analysis of Virusâ€“Host Protein Interactions. Methods in Molecular Biology, 2022, 2400, 55-62.	0.9	1
2	Natural Defect of a Plant Rhabdovirus Glycoprotein Gene: A Case Study of Virusâ€“Plant Coevolution. Phytopathology, 2021, 111, 227-236.	2.2	21
3	Plant Rhabdoviruses (Rhabdoviridae). , 2021, , 567-580.		1
4	Development of Rice Stripe Tenuivirus Minireplicon Reverse Genetics Systems Suitable for Analyses of Viral Replication and Intercellular Movement. Frontiers in Microbiology, 2021, 12, 655256.	3.5	8
5	Development of RNA Polymerase III-Driven Reverse Genetics System for the Rescue of a Plant Rhabdovirus. Virologica Sinica, 2021, 36, 1252-1255.	3.0	0
6	Plant negative-stranded RNA virus biology and host interactions revitalized by reverse genetics. Current Opinion in Virology, 2021, 48, 1-9.	5.4	9
7	Identification of Yeast Factors Involved in the Replication of Mungbean Yellow Mosaic India Virus Using Yeast Temperature-Sensitive Mutants. Virologica Sinica, 2020, 35, 120-123.	3.0	6
8	Significantly Improved Recovery of Recombinant Sonchus Yellow Net Rhabdovirus by Expressing the Negative-Strand Genomic RNA. Viruses, 2020, 12, 1459.	3.3	14
9	Highly efficient DNA-free plant genome editing using virally delivered CRISPRâ€“Cas9. Nature Plants, 2020, 6, 773-779.	9.3	205
10	A Versatile Plant Rhabdovirus-Based Vector for Gene Silencing, miRNA Expression and Depletion, and Antibody Production. Frontiers in Plant Science, 2020, 11, 627880.	3.6	17
11	Advances in reverse genetics system of plant negative-strand RNA viruses. Chinese Science Bulletin, 2020, 65, 4073-4083.	0.7	6
12	The Matrix Protein of a Plant Rhabdovirus Mediates Superinfection Exclusion by Inhibiting Viral Transcription. Journal of Virology, 2019, 93, .	3.4	24
13	Specificity of Plant Rhabdovirus Cell-to-Cell Movement. Journal of Virology, 2019, 93, .	3.4	30
14	Cryo-EM Structure of a Begomovirus Geminate Particle. International Journal of Molecular Sciences, 2019, 20, 1738.	4.1	16
15	Iterons Homologous to Helper Geminiviruses Are Essential for Efficient Replication of Betasatellites. Journal of Virology, 2019, 93, .	3.4	22
16	Identification of a cis-Acting Element Derived from Tomato Leaf Curl Yunnan Virus that Mediates the Replication of a Deficient Yeast Plasmid in Saccharomyces cerevisiae. Viruses, 2018, 10, 536.	3.3	2
17	Matrixâ€“glycoprotein interactions required for budding of a plant nucleorhabdovirus and induction of inner nuclear membrane invagination. Molecular Plant Pathology, 2018, 19, 2288-2301.	4.2	27
18	Development of Model Systems for Plant Rhabdovirus Research. Advances in Virus Research, 2018, 102, 23-57.	2.1	15

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19	Further characterization of Maize chlorotic mottle virus and its synergistic interaction with Sugarcane mosaic virus in maize. Scientific Reports, 2017, 7, 39960.	3.3	29
20	Capped antigenomic RNA transcript facilitates rescue of a plant rhabdovirus. Virology Journal, 2017, 14, 113.	3.4	8
21	Rapid Construction of Complex Plant RNA Virus Infectious cDNA Clones for Agroinfection Using a Yeast-E. coli-Agrobacterium Shuttle Vector. Viruses, 2017, 9, 332.	3.3	37
22	A calmodulin-like protein suppresses RNA silencing and promotes geminivirus infection by degrading SGS3 via the autophagy pathway in Nicotiana benthamiana. PLoS Pathogens, 2017, 13, e1006213.	4.7	119
23	The role of co-opted ESCRT proteins and lipid factors in protection of tombusviral double-stranded RNA replication intermediate against reconstituted RNAi in yeast. PLoS Pathogens, 2017, 13, e1006520.	4.7	37
24	Developments in Plant Negative-Strand RNA Virus Reverse Genetics. Annual Review of Phytopathology, 2016, 54, 469-498.	7.8	52
25	A Novel DNA Motif Contributes to Selective Replication of a Geminivirus-Associated Betasatellite by a Helper Virus-Encoded Replication-Related Protein. Journal of Virology, 2016, 90, 2077-2089.	3.4	31
26	The <scp>AC</scp>5 protein encoded by Mungbean yellow mosaic India virus is a pathogenicity determinant that suppresses <scp>RNA</scp> silencingâ€based antiviral defenses. New Phytologist, 2015, 208, 555-569.	7.3	88
27	Rescue of a Plant Negative-Strand RNA Virus from Cloned cDNA: Insights into Enveloped Plant Virus Movement and Morphogenesis. PLoS Pathogens, 2015, 11, e1005223.	4.7	108
28	Suppression of RNA Silencing by a Plant DNA Virus Satellite Requires a Host Calmodulin-Like Protein to Repress RDR6 Expression. PLoS Pathogens, 2014, 10, e1003921.	4.7	186
29	Methylation of translation elongation factor 1A by the METTL10-like See1 methyltransferase facilitates tombusvirus replication in yeast and plants. Virology, 2014, 448, 43-54.	2.4	31
30	Construction of a Sonchus Yellow Net Virus Minireplicon: a Step toward Reverse Genetic Analysis of Plant Negative-Strand RNA Viruses. Journal of Virology, 2013, 87, 10598-10611.	3.4	46
31	Small RNA biology: From fundamental studies to applications. Science China Life Sciences, 2013, 56, 1059-1062.	4.9	1
32	A Naturally Occurring Defective DNA Satellite Associated with a Monopartite Begomovirus: Evidence for Recombination between Alphasatellite and Betasatellite. Viruses, 2013, 5, 2116-2128.	3.3	19
33	Virus-induced gene silencing and its application in plant functional genomics. Science China Life Sciences, 2012, 55, 99-108.	4.9	49
34	Diverse roles of host RNA binding proteins in RNA virus replication. RNA Biology, 2011, 8, 305-315.	3.1	139
35	Nucleolin/Nsr1p binds to the 3â€² noncoding region of the tombusvirus RNA and inhibits replication. Virology, 2010, 396, 10-20.	2.4	30
36	Cpr1 cyclophilin and Ess1 parvulin prolyl isomerases interact with the tombusvirus replication protein and inhibit viral replication in yeast model host. Virology, 2010, 406, 342-351.	2.4	60

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37	Translation Elongation Factor 1A Facilitates the Assembly of the Tombusvirus Replicase and Stimulates Minus-Strand Synthesis. PLoS Pathogens, 2010, 6, e1001175.	4.7	104
38	The Nedd4-Type Rsp5p Ubiquitin Ligase Inhibits Tombusvirus Replication by Regulating Degradation of the p92 Replication Protein and Decreasing the Activity of the Tombusvirus Replicase. Journal of Virology, 2009, 83, 11751-11764.	3.4	67
39	Genetic Determinants of Symptoms on Viral DNA Satellites. Applied and Environmental Microbiology, 2009, 75, 5380-5389.	3.1	23
40	Translation elongation factor 1A is a component of the tombusvirus replicase complex and affects the stability of the p33 replication co-factor. Virology, 2009, 385, 245-260.	2.4	121
41	Cdc34p Ubiquitin-Conjugating Enzyme Is a Component of the Tombusvirus Replicase Complex and Ubiquitinates p33 Replication Protein. Journal of Virology, 2008, 82, 6911-6926.	3.4	123
42	In vitro assembly of the Tomato bushy stunt virus replicase requires the host Heat shock protein 70. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19956-19961.	7.1	157
43	Tobacco curly shoot virus DNAÎ² Is Not Necessary for Infection but Intensifies Symptoms in a Host-Dependent Manner. Phytopathology, 2005, 95, 902-908.	2.2	107
44	Molecular characterization of tomato-infecting begomoviruses in Yunnan, China. Archives of Virology, 2004, 149, 1721-32.	2.1	53
45	Characterization of DNAÎ² associated with begomoviruses in China and evidence for co-evolution with their cognate viral DNA-A FN1. Journal of General Virology, 2003, 84, 237-247.	2.9	231
46	Identification of a novel DNA molecule associated with To-bacco leaf curl virus. Science Bulletin, 2002, 47, 1273.	1.7	25