

Masayuki Ishikawa

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,146
citations

623734

14
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1121
citing authors

#	ARTICLE	IF	CITATIONS
1	Tomato brown rugose fruit virus resistance generated by quadruple knockout of homologs of <i>TOBAMOVIRUS MULTIPLICATION1</i> in tomato. <i>Plant Physiology</i> , 2022, 189, 679-686.	4.8	21
2	Cooperative recruitment of RDR6 by SGS3 and SDE5 during small interfering RNA amplification in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	25
3	Resistance Breeding Through RNA Silencing of Host Factors Involved in Virus Replication. <i>Methods in Molecular Biology</i> , 2019, 2028, 247-259.	0.9	1
4	Soybean antiviral immunity conferred by dsRNase targets the viral replication complex. <i>Nature Communications</i> , 2019, 10, 4033.	12.8	37
5	Purification and functional characterization of tomato mosaic virus 130K protein expressed in silkworm pupae using a baculovirus vector. <i>Protein Expression and Purification</i> , 2019, 154, 85-90.	1.3	1
6	A Cell-Free Replication System for Positive-Strand RNA Viruses for Identification and Characterization of Plant Resistance Gene Products. <i>Methods in Molecular Biology</i> , 2019, 2028, 115-122.	0.9	1
7	In Vitro Formation of Plant RNA-Induced Silencing Complexes Using an Extract of Evacuolated Tobacco Protoplasts. <i>Methods in Molecular Biology</i> , 2017, 1640, 39-53.	0.9	5
8	A Tomato Spotted Wilt Virus S RNA-based Replicon System in Yeast. <i>Scientific Reports</i> , 2017, 7, 12647.	3.3	14
9	A Short Open Reading Frame Encompassing the miR173 Target Site Plays a Role in trans-Acting Small Interfering RNA Biogenesis. <i>Plant Physiology</i> , 2016, 171, 359-368.	4.8	35
10	Possible involvement of eEF1A in Tomato spotted wilt virus RNA synthesis. <i>Virology</i> , 2014, 468-470, 81-87.	2.4	13
11	3' fragment of miR173-programmed RISC-cleaved RNA is protected from degradation in a complex with RISC and SCS3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4117-4122.	7.1	86
12	Cyclophilin 40 facilitates HSP90-mediated RISC assembly in plants. <i>EMBO Journal</i> , 2012, 31, 267-278.	7.8	135
13	A Host Small GTP-binding Protein ARL8 Plays Crucial Roles in Tobamovirus RNA Replication. <i>PLoS Pathogens</i> , 2011, 7, e1002409.	4.7	68
14	In Vitro Assembly of Plant RNA-Induced Silencing Complexes Facilitated by Molecular Chaperone HSP90. <i>Molecular Cell</i> , 2010, 39, 282-291.	9.7	288
15	Identification of a Ribonucleoprotein Intermediate of Tomato Mosaic Virus RNA Replication Complex Formation. <i>Journal of Virology</i> , 2007, 81, 2584-2591.	3.4	39
16	Involvement of THH1, an <i>Arabidopsis thaliana</i> homologue of the TOM1 gene, in tobamovirus multiplication. <i>Journal of General Virology</i> , 2006, 87, 2397-2401.	2.9	20
17	Tobamovirus-resistant tobacco generated by RNA interference directed against host genes. <i>FEBS Letters</i> , 2005, 579, 4479-4484.	2.8	58
18	Replication of plant RNA virus genomes in a cell-free extract of evacuolated plant protoplasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1863-1867.	7.1	109

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19	Complete Inhibition of Tobamovirus Multiplication by Simultaneous Mutations in Two Homologous Host Genes. <i>Journal of Virology</i> , 2002, 76, 2491-2497.	3.4	108
20	Isolation of mutants of <i>Arabidopsis thaliana</i> in which accumulation of tobacco mosaic virus coat protein is reduced to low levels. <i>Molecular Genetics and Genomics</i> , 1991, 230, 33-38.	2.4	82