

# Masayuki Ishikawa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2538747/publications.pdf>

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	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
2	Cyclophilin 40 facilitates HSP90-mediated RISC assembly in plants. <i>EMBO Journal</i> , 2012, 31, 267-278.	7.8	135
3	Replication of plant RNA virus genomes in a cell-free extract of evacuated plant protoplasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1863-1867.	7.1	109
4	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
5	3â€² fragment of miR173-programmed RISC-cleaved RNA is protected from degradation in a complex with RISC and SGS3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4117-4122.	7.1	86
6	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
7	A Host Small GTP-binding Protein ARL8 Plays Crucial Roles in Tobamovirus RNA Replication. <i>PLoS Pathogens</i> , 2011, 7, e1002409.	4.7	68
8	Tobamovirus-resistant tobacco generated by RNA interference directed against host genes. <i>FEBS Letters</i> , 2005, 579, 4479-4484.	2.8	58
9	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
10	Soybean antiviral immunity conferred by dsRNase targets the viral replication complex. <i>Nature Communications</i> , 2019, 10, 4033.	12.8	37
11	A Short Open Reading Frame Encompassing the MicroRNA173 Target Site Plays a Role in trans-Acting Small Interfering RNA Biogenesis. <i>Plant Physiology</i> , 2016, 171, 359-368.	4.8	35
12	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
13	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
14	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
15	A Tomato Spotted Wilt Virus S RNA-based Replicon System in Yeast. <i>Scientific Reports</i> , 2017, 7, 12647.	3.3	14
16	Possible involvement of eEF1A in Tomato spotted wilt virus RNA synthesis. <i>Virology</i> , 2014, 468-470, 81-87.	2.4	13
17	In Vitro Formation of Plant RNA-Induced Silencing Complexes Using an Extract of Evacuated Tobacco Protoplasts. <i>Methods in Molecular Biology</i> , 2017, 1640, 39-53.	0.9	5
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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