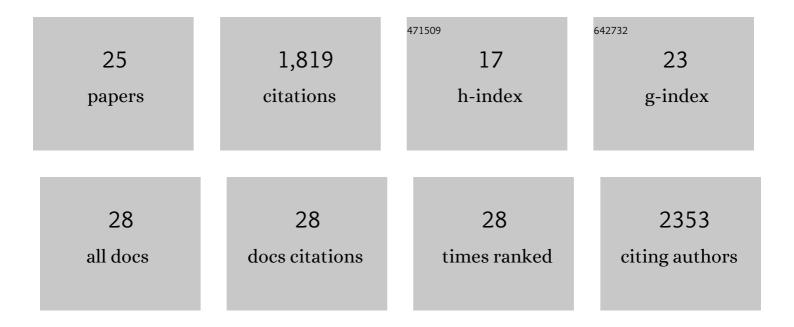
Hiro-oki Iwakawa

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The Functions of MicroRNAs: mRNA Decay and Translational Repression. Trends in Cell Biology, 2015, 25, 651-665.	7.9	648
2	Molecular Insights into microRNA-Mediated Translational Repression in Plants. Molecular Cell, 2013, 52, 591-601.	9.7	229
3	Life of RISC: Formation, action, and degradation of RNA-induced silencing complex. Molecular Cell, 2022, 82, 30-43.	9.7	138
4	Plant 22-nt siRNAs mediate translational repression and stress adaptation. Nature, 2020, 581, 89-93.	27.8	112
5	MicroRNAs Block Assembly of elF4F Translation Initiation Complex in Drosophila. Molecular Cell, 2014, 56, 67-78.	9.7	100
6	A Viral Noncoding RNA Generated by <i>cis</i> -Element-Mediated Protection against 5′→3′ RNA Decay Represses both Cap-Independent and Cap-Dependent Translation. Journal of Virology, 2008, 82, 10162-10174.	3.4	78
7	<i>Arabidopsis</i> ARGONAUTE7 selects miR390 through multiple checkpoints during RISC assembly. EMBO Reports, 2013, 14, 652-658.	4.5	71
8	The poly(A) tail blocks RDR6 from converting self mRNAs into substrates for gene silencing. Nature Plants, 2017, 3, 17036.	9.3	66
9	Cap-Independent Translation Mechanism of Red Clover Necrotic Mosaic Virus RNA2 Differs from That of RNA1 and Is Linked to RNA Replication. Journal of Virology, 2006, 80, 3781-3791.	3.4	44
10	Poly(A)-Binding Protein Facilitates Translation of an Uncapped/Nonpolyadenylated Viral RNA by Binding to the 3′ Untranslated Region. Journal of Virology, 2012, 86, 7836-7849.	3.4	41
11	A long-distance RNA–RNA interaction plays an important role in programmed â^' 1 ribosomal frameshifting in the translation of p88 replicase protein of Red clover necrotic mosaic virus. Virology, 2011, 417, 169-178.	2.4	40
12	Template Recognition Mechanisms by Replicase Proteins Differ between Bipartite Positive-Strand Genomic RNAs of a Plant Virus. Journal of Virology, 2011, 85, 497-509.	3.4	39
13	cis-Acting core RNA elements required for negative-strand RNA synthesis and cap-independent translation are separated in the 3′-untranslated region of Red clover necrotic mosaic virus RNA1. Virology, 2007, 369, 168-181.	2.4	38
14	Host-dependent roles of the viral 5′ untranslated region (UTR) in RNA stabilization and cap-independent translational enhancement mediated by the 3′ UTR of Red clover necrotic mosaic virus RNA1. Virology, 2009, 391, 107-118.	2.4	38
15	Ribosome stalling caused by the Argonaute-microRNA-SGS3 complex regulates the production of secondary siRNAs in plants. Cell Reports, 2021, 35, 109300.	6.4	30
16	Cell-free reconstitution reveals the molecular mechanisms for the initiation of secondary siRNA biogenesis in plants. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	23
17	Identification of amino acids in auxiliary replicase protein p27 critical for its RNA-binding activity and the assembly of the replicase complex in Red clover necrotic mosaic virus. Virology, 2011, 413, 300-309.	2.4	21
18	A Y-shaped RNA structure in the 3′ untranslated region together with the trans-activator and core promoter of Red clover necrotic mosaic virus RNA2 is required for its negative-strand RNA synthesis. Virology, 2010, 405, 100-109.	2.4	18

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#	Article	IF	Citations
			CHAHONS
19	Requirement for eukaryotic translation initiation factors in cap-independent translation differs between bipartite genomic RNAs of red clover necrotic mosaic virus. Virology, 2017, 509, 152-158.	2.4	11
20	In Vitro Analysis of ARGONAUTE-Mediated Target Cleavage and Translational Repression in Plants. Methods in Molecular Biology, 2017, 1640, 55-71.	0.9	10
21	Biochemical and single-molecule analyses of the RNA silencing suppressing activity of CrPV-1A. Nucleic Acids Research, 2017, 45, 10837-10844.	14.5	9
22	Functional specialization of monocot DCL3 and DCL5 proteins through the evolution of the PAZ domain. Nucleic Acids Research, 2022, 50, 4669-4684.	14.5	8
23	Silencing messages in a unique way. Nature Plants, 2017, 3, 769-770.	9.3	3
24	microRNA-Mediated Translational Repression in Plants and Animals. Kagaku To Seibutsu, 2015, 53, 510-514.	0.0	0
25	In vitro RNA-dependent RNA Polymerase Assay Using Arabidopsis RDR6. Bio-protocol, 2018, 8, e2673.	0.4	Ο