Shintaro Iwasaki

List of Publications by Year
in descending order

60 papers	4,157 citations	257101 24 h-index	174990 52 g-index
77 all docs	77 docs citations	77 times ranked	5583 citing authors

#	ARTICLE	IF	CITATIONS
1	Splicing modulators elicit global translational repression by condensate-prone proteins translated from introns. Cell Chemical Biology, 2022, 29, 259-275.e10.	2.5	9
2	The landscape of translational stall sites in bacteria revealed by monosome and disome profiling. Rna, 2022, 28, 290-302.	1.6	8
3	Into the matrix: current methods for mitochondrial translation studies. Journal of Biochemistry, 2022, 171, 379-387.	0.9	3
4	Selective translation of epigenetic modifiers affects the temporal pattern and differentiation of neural stem cells. Nature Communications, 2022, 13, 470.	5.8	20
5	Ribosome slowdown triggers codonâ€mediated mRNA decay independently of ribosome qualityâ€‰control. EMBO Journal, 2022, 41, e109256.	3.5	25
6	Mito-FUNCAT-FACS reveals cellular heterogeneity in mitochondrial translation. Rna, 2022, 28, 895-904.	1.6	6
7	Compounds for selective translational inhibition. Current Opinion in Chemical Biology, 2022, 69, 102158.	2.8	5
8	Species-specific formation of paraspeckles in intestinal epithelium revealed by characterization of <i>NEAT1</i> in naked mole-rat. Rna, 2022, 28, 1128-1143.	1.6	2
9	Dual targeting of DDX3 and eIF4A by the translation inhibitor rocaglamide A. Cell Chemical Biology, 2021, 28, 475-486.e8.	2.5	37
10	Selectivity of mRNA degradation by autophagy in yeast. Nature Communications, 2021, 12, 2316.	5.8	35
11	Ribosome stalling caused by the Argonaute-microRNA-SGS3 complex regulates the production of secondary siRNAs in plants. Cell Reports, 2021, 35, 109300.	2.9	30
12	Combinatorial analysis of translation dynamics reveals eIF2 dependence of translation initiation at near-cognate codons. Nucleic Acids Research, 2021, 49, 7298-7317.	6.5	22
13	Spliceostatin A interaction with SF3B limits U1 snRNP availability and causes premature cleavage and polyadenylation. Cell Chemical Biology, 2021, 28, 1356-1365.e4.	2.5	8
14	The Pentatricopeptide Repeat Protein PGR3 Is Required for the Translation of <i>petL</i> and <i>ndhG</i> by Binding Their 5â€² UTRs. Plant and Cell Physiology, 2021, 62, 1146-1155.	1.5	9
15	Nascent polypeptide within the exit tunnel stabilizes the ribosome to counteract risky translation. EMBO Journal, 2021, 40, e108299.	3.5	13
16	eIF2B-capturing viral protein NSs suppresses the integrated stress response. Nature Communications, 2021, 12, 7102.	5.8	21
17	Translational Landscape of Protein-Coding and Non-Protein-Coding RNAs upon Light Exposure in Arabidopsis. Plant and Cell Physiology, 2020, 61, 536-545.	1.5	15
18	Genome-wide Survey of Ribosome Collision. Cell Reports, 2020, 31, 107610.	2.9	119

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19	Ribosomal protein S7 ubiquitination during ER stress in yeast is associated with selective mRNA translation and stress outcome. Scientific Reports, 2020, 10, 19669.	1.6	21
20	Complete chemical structures of human mitochondrial tRNAs. Nature Communications, 2020, 11, 4269.	5.8	144
21	Protocol for Disome Profiling to Survey Ribosome Collision in Humans and Zebrafish. STAR Protocols, 2020, 1, 100168.	0.5	40
22	N-terminal deletion of Swi3 created by the deletion of a dubious ORF YJL175W mitigates protein burden effect in S. cerevisiae. Scientific Reports, 2020, 10, 9500.	1.6	5
23	A widespread family of heat-resistant obscure (Hero) proteins protect against protein instability and aggregation. PLoS Biology, 2020, 18, e3000632.	2.6	51
24	Sexually dimorphic role of oxytocin in medaka mate choice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4802-4808.	3.3	38
25	Implications of RNG140 (caprin2)-mediated translational regulation in eye lens differentiation. Journal of Biological Chemistry, 2020, 295, 15029-15044.	1.6	10
26	Title is missing!. , 2020, 18, e3000632.		0
27	Title is missing!. , 2020, 18, e3000632.		0
28	Title is missing!. , 2020, 18, e3000632.		0
29	Title is missing!. , 2020, 18, e3000632.		0
30	Title is missing!. , 2020, 18, e3000632.		0
31	Title is missing!. , 2020, 18, e3000632.		0
32	Free glycans derived from O-mannosylated glycoproteins suggest the presence of an O-glycoprotein degradation pathway in yeast. Journal of Biological Chemistry, 2019, 294, 15900-15911.	1.6	4
33	Codon bias confers stability to human <scp>mRNA</scp> s. EMBO Reports, 2019, 20, e48220.	2.0	100
34	Proximity RNA Labeling by APEX-Seq Reveals the Organization of Translation Initiation Complexes and Repressive RNA Granules. Molecular Cell, 2019, 75, 875-887.e5.	4.5	153
35	The Plant Translatome Surveyed by Ribosome Profiling. Plant and Cell Physiology, 2019, 60, 1917-1926.	1.5	19
36	TChIP-Seq: Cell-Type-Specific Epigenome Profiling. Journal of Visualized Experiments, 2019, , .	0.2	1

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37	The Translation Inhibitor Rocaglamide Targets a Bimolecular Cavity between eIF4A and Polypurine RNA. Molecular Cell, 2019, 73, 738-748.e9.	4.5	128
38	Cap-specific terminal <i>N</i> ⁶ -methylation of RNA by an RNA polymerase IIâ€“associated methyltransferase. Science, 2019, 363, .	6.0	262
39	Regulation of mRNA translation machinery in influenza virus infection. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 1-YIA-10.	0.0	0
40	Cell Type-Specific Survey of Epigenetic Modifications by Tandem Chromatin Immunoprecipitation Sequencing. Scientific Reports, 2018, 8, 1143.	1.6	5
41	Reconstitution of RNA Interference Machinery. Methods in Molecular Biology, 2018, 1680, 131-143.	0.4	4
42	In vitro reconstitution of chaperone-mediated human RISC assembly. Rna, 2018, 24, 6-11.	1.6	25
43	UPA-seq: prediction of functional lncRNAs using differential sensitivity to UV crosslinking. Rna, 2018, 24, 1785-1802.	1.6	4
44	Transcripts from downstream alternative transcription start sites evade uORF-mediated inhibition of gene expression in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7831-7836.	3.3	89
45	The Growing Toolbox for Protein Synthesis Studies. Trends in Biochemical Sciences, 2017, 42, 612-624.	3.7	104
46	Ubiquitination of stalled ribosome triggers ribosome-associated quality control. Nature Communications, 2017, 8, 159.	5.8	249
47	Post-Translational Dosage Compensation Buffers Genetic Perturbations to Stoichiometry of Protein Complexes. PLoS Genetics, 2017, 13, e1006554.	1.5	67
48	Seeing translation. Science, 2016, 352, 1391-1392.	6.0	19
49	Rocaglates convert DEAD-box protein eIF4A into a sequence-selective translational repressor. Nature, 2016, 534, 558-561.	13.7	235
50	Defining fundamental steps in the assembly of the Drosophila RNAi enzyme complex. Nature, 2015, 521, 533-536.	13.7	115
51	Cell-fate determination by ubiquitin-dependent regulation of translation. Nature, 2015, 525, 523-527.	13.7	145
52	The microRNA pathway and cancer. Cancer Science, 2010, 101, 2309-2315.	1.7	208
53	ATP-dependent human RISC assembly pathways. Nature Structural and Molecular Biology, 2010, 17, 17-23.	3.6	304
54	Hsc70/Hsp90 Chaperone Machinery Mediates ATP-Dependent RISC Loading of Small RNA Duplexes. Molecular Cell, 2010, 39, 292-299.	4.5	404

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55	Argonaute-mediated translational repression (and activation). Fly, 2009, 3, 205-208.	0.9	48
56	Drosophila Argonaute1 and Argonaute2 Employ Distinct Mechanisms for Translational Repression. Molecular Cell, 2009, 34, 58-67.	4.5	158
57	Argonaute-mediated translational repression (and activation). Fly, 2009, 3, 204-6.	0.9	31
58	The Mechanism Selecting the Guide Strand from Small RNA Duplexes is Different Among Argonaute Proteins. Plant and Cell Physiology, 2008, 49, 493-500.	1.5	464
59	Characterization ofArabidopsisdecapping proteins AtDCP1 and AtDCP2, which are essential for post-embryonic development. FEBS Letters, 2007, 581, 2455-2459.	1.3	79
60	METTL18-mediated histidine methylation of RPL3 modulates translation elongation for proteostasis maintenance. ELife, 0, 11, .	2.8	11