

Nobuyoshi Akimitsu

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

3,452
citations

236612

25
h-index

149479

56
g-index

65
all docs

65
docs citations

65
times ranked

5527
citing authors

#	ARTICLE	IF	CITATIONS
1	Long Noncoding RNA NEAT1-Dependent SFPO Relocation from Promoter Region to Paraspeckle Mediates IL8 Expression upon Immune Stimuli. <i>Molecular Cell</i> , 2014, 53, 393-406.	4.5	574
2	MALAT1 enhances cell motility of lung adenocarcinoma cells by influencing the expression of motility-related genes. <i>FEBS Letters</i> , 2010, 584, 4575-4580.	1.3	391
3	Genome-wide determination of RNA stability reveals hundreds of short-lived noncoding transcripts in mammals. <i>Genome Research</i> , 2012, 22, 947-956.	2.4	364
4	Long non-coding RNAs in cancer progression. <i>Frontiers in Genetics</i> , 2012, 3, 219.	1.1	218
5	Identification of <i>cis</i> - and <i>trans</i> -acting factors involved in the localization of MALAT-1 noncoding RNA to nuclear speckles. <i>Rna</i> , 2012, 18, 738-751.	1.6	202
6	Identification of hundreds of novel UPF1 target transcripts by direct determination of whole transcriptome stability. <i>RNA Biology</i> , 2012, 9, 1370-1379.	1.5	153
7	The RNA Degradation Pathway Regulates the Function of GAS5 a Non-Coding RNA in Mammalian Cells. <i>PLoS ONE</i> , 2013, 8, e55684.	1.1	149
8	Genome-wide technology for determining RNA stability in mammalian cells. <i>RNA Biology</i> , 2012, 9, 1233-1238.	1.5	108
9	The Functions and Unique Features of LncRNAs in Cancer Development and Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 632.	1.8	108
10	Micropeptides Encoded in Transcripts Previously Identified as Long Noncoding RNAs: A New Chapter in Transcriptomics and Proteomics. <i>Frontiers in Genetics</i> , 2018, 9, 144.	1.1	83
11	BRIC-seq: A genome-wide approach for determining RNA stability in mammalian cells. <i>Methods</i> , 2014, 67, 55-63.	1.9	64
12	Long Non-Coding RNAs Involved in Immune Responses. <i>Frontiers in Immunology</i> , 2014, 5, 573.	2.2	61
13	Identification and Characterization of Novel Genotoxic Stress-Inducible Nuclear Long Noncoding RNAs in Mammalian Cells. <i>PLoS ONE</i> , 2012, 7, e34949.	1.1	60
14	A GC-rich sequence feature in the 3' UTR directs UPF1-dependent mRNA decay in mammalian cells. <i>Genome Research</i> , 2017, 27, 407-418.	2.4	59
15	Diminished nuclear <i>scRNA</i> decay upon <i>Salmonella</i> infection upregulates antibacterial noncoding <i>scRNAs</i> . <i>EMBO Journal</i> , 2018, 37, .	3.5	55
16	A highly bone marrow metastatic murine breast cancer model established through <i>in vivo</i> selection exhibits enhanced anchorage-independent growth and cell migration mediated by ICAM-1. <i>Clinical and Experimental Metastasis</i> , 2008, 25, 517-529.	1.7	46
17	Translation of nonSTOP mRNA is repressed post-initiation in mammalian cells. <i>EMBO Journal</i> , 2007, 26, 2327-2338.	3.5	44
18	Aberrant phase separation and cancer. <i>FEBS Journal</i> , 2022, 289, 17-39.	2.2	42

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19	Long Non-coding RNAs Involved in Pathogenic Infection. <i>Frontiers in Genetics</i> , 2020, 11, 454.	1.1	38
20	Analysis of RNA decay factor mediated RNA stability contributions on RNA abundance. <i>BMC Genomics</i> , 2015, 16, 154.	1.2	36
21	Hepatitis C Virus NS3 Inhibitors: Current and Future Perspectives. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	35
22	Real-time monitoring of RNA helicase activity using fluorescence resonance energy transfer in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 131-136.	1.0	33
23	Messenger RNA Surveillance Systems Monitoring Proper Translation Termination. <i>Journal of Biochemistry</i> , 2007, 143, 1-8.	0.9	32
24	Inhibition of Hepatitis C Virus NS3 Helicase by Manoalide. <i>Journal of Natural Products</i> , 2012, 75, 650-654.	1.5	32
25	Contributions of regulated transcription and mRNA decay to the dynamics of gene expression. <i>Wiley Interdisciplinary Reviews RNA</i> , 2019, 10, e1508.	3.2	32
26	The role of micropeptides in biology. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3285-3298.	2.4	28
27	Identification of Minimal p53 Promoter Region Regulated by MALAT1 in Human Lung Adenocarcinoma Cells. <i>Frontiers in Genetics</i> , 2017, 8, 208.	1.1	27
28	Loss of the fragile X syndrome protein FMRP results in misregulation of nonsense-mediated mRNA decay. <i>Nature Cell Biology</i> , 2021, 23, 40-48.	4.6	23
29	Identification of Hydroxyanthraquinones as Novel Inhibitors of Hepatitis C Virus NS3 Helicase. <i>International Journal of Molecular Sciences</i> , 2015, 16, 18439-18453.	1.8	22
30	Genome-Wide Analysis of Long Noncoding RNA Turnover. <i>Methods in Molecular Biology</i> , 2015, 1262, 305-320.	0.4	22
31	Metabolic labeling of RNA using multiple ribonucleoside analogs enables the simultaneous evaluation of RNA synthesis and degradation rates. <i>Genome Research</i> , 2020, 30, 1481-1491.	2.4	20
32	Stability of RNA sequences derived from the coronavirus genome in human cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 993-999.	1.0	20
33	High-throughput screening assay of hepatitis C virus helicase inhibitors using fluorescence-quenching phenomenon. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 1054-1059.	1.0	19
34	Systematic Analysis of Targets of Pumilio-Mediated mRNA Decay Reveals that PUM1 Repression by DNA Damage Activates Translesion Synthesis. <i>Cell Reports</i> , 2020, 31, 107542.	2.9	19
35	Psammaplin A inhibits hepatitis C virus NS3 helicase. <i>Journal of Natural Medicines</i> , 2013, 67, 765-772.	1.1	17
36	Identification of a heat-inducible novel nuclear body containing the long noncoding RNA <i>MALAT1</i> . <i>Journal of Cell Science</i> , 2021, 134, .	1.2	17

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37	Inhibition of Hepatitis C Virus Replication and Viral Helicase by Ethyl Acetate Extract of the Marine Feather Star <i>Alloeocomatella polycladia</i> . <i>Marine Drugs</i> , 2012, 10, 744-761.	2.2	15
38	A histone modifier, ASXL1, interacts with NONO and is involved in paraspeckle formation in hematopoietic cells. <i>Cell Reports</i> , 2021, 36, 109576.	2.9	15
39	Identification and Biochemical Characterization of Halisulfate 3 and Suvanine as Novel Inhibitors of Hepatitis C Virus NS3 Helicase from a Marine Sponge. <i>Marine Drugs</i> , 2014, 12, 462-476.	2.2	14
40	Cholesterol sulfate as a potential inhibitor of hepatitis C virus NS3 helicase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 223-229.	2.5	14
41	Expression of Cadherin-17 Promotes Metastasis in a Highly Bone Marrow Metastatic Murine Breast Cancer Model. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	14
42	5â€²-Bromouridine IP Chase (BRIC)-Seq to Determine RNA Half-Lives. <i>Methods in Molecular Biology</i> , 2018, 1720, 1-13.	0.4	13
43	The DEAD-box RNA-binding protein DDX6 regulates parental RNA decay for cellular reprogramming to pluripotency. <i>PLoS ONE</i> , 2018, 13, e0203708.	1.1	11
44	Long noncoding RNA U90926 is crucial for herpes simplex virus type 1 proliferation in murine retinal photoreceptor cells. <i>Scientific Reports</i> , 2020, 10, 19406.	1.6	11
45	Long noncoding RNA and phase separation in cellular stress response. <i>Journal of Biochemistry</i> , 2022, 171, 269-276.	0.9	11
46	hnRNPH1-MTR4 complex-mediated regulation of <i>NEAT1v2</i> stability is critical for <i>IL8</i> expression. <i>RNA Biology</i> , 2021, 18, 537-547.	1.5	9
47	RNA Exosome Component EXOSC4 Amplified in Multiple Cancer Types Is Required for the Cancer Cell Survival. <i>International Journal of Molecular Sciences</i> , 2022, 23, 496.	1.8	8
48	PBDE: Structure-Activity Studies for the Inhibition of Hepatitis C Virus NS3 Helicase. <i>Molecules</i> , 2014, 19, 4006-4020.	1.7	7
49	Identification and analysis of short open reading frames (sORFs) in the initially annotated noncoding RNA LINC00493 from human cells. <i>Journal of Biochemistry</i> , 2021, 169, 421-434.	0.9	7
50	Inhibition of Both Protease and Helicase Activities of Hepatitis C Virus NS3 by an Ethyl Acetate Extract of Marine Sponge <i>Amphimedon</i> sp. <i>PLoS ONE</i> , 2012, 7, e48685.	1.1	7
51	Four Aromatic Sulfates with an Inhibitory Effect against HCV NS3 Helicase from the Crinoid <i>Alloeocomatella polycladia</i> . <i>Marine Drugs</i> , 2017, 15, 117.	2.2	6
52	Human U90926 orthologous long non-coding RNA as a novel biomarker for visual prognosis in herpes simplex virus type-1 induced acute retinal necrosis. <i>Scientific Reports</i> , 2021, 11, 12164.	1.6	6
53	Preliminary investigation of five novel long non-coding RNAs in hepatocellular carcinoma cell lines. <i>BioScience Trends</i> , 2016, 10, 315-319.	1.1	5
54	Exploration of <i>Salmonella</i> effector mutant strains on MTR4 and RRP6 degradation. <i>BioScience Trends</i> , 2020, 14, 255-262.	1.1	5

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55	Identification of novel heat shock-induced long non-coding RNA in human cells. <i>Journal of Biochemistry</i> , 2021, 169, 497-505.	0.9	5
56	Radiolabeling of PSMA-617 with ⁸⁹ Zr: A novel use of DMSO to improve radiochemical yield and preliminary small-animal PET results. <i>Nuclear Medicine and Biology</i> , 2022, 106-107, 21-28.	0.3	4
57	A Fluorescence-Based Screening Assay for Identification of Hepatitis C Virus NS3 Helicase Inhibitors and Characterization of Their Inhibitory Mechanism. <i>Methods in Molecular Biology</i> , 2015, 1259, 211-228.	0.4	3
58	Interplay between Transcription and RNA Degradation. , 2018, , .		2
59	Identification of 2H phosphoesterase superfamily proteins with 2 ⁺ -CPDase activity. <i>Biochimie</i> , 2019, 165, 235-244.	1.3	2
60	Regulation of RNA Stability Through RNA Modification. <i>RNA Technologies</i> , 2021, , 217-246.	0.2	1
61	Techniques for Genome-Wide Expression Analysis of Noncoding RNA. , 2017, , 153-165.		0
62	Repression of PUM1-mediated mRNA decay activates translesion synthesis after DNA damage. <i>Molecular and Cellular Oncology</i> , 2020, 7, 1812868.	0.3	0