

Nobuyoshi Akimitsu

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

3,452
citations

236833

25
h-index

149623

56
g-index

65
all docs

65
docs citations

65
times ranked

5527
citing authors

#	ARTICLE	IF	CITATIONS
1	Aberrant phase separation and cancer. FEBS Journal, 2022, 289, 17-39.	2.2	42
2	RNA Exosome Component EXOSC4 Amplified in Multiple Cancer Types Is Required for the Cancer Cell Survival. International Journal of Molecular Sciences, 2022, 23, 496.	1.8	8
3	Radiolabeling of PSMA-617 with 89Zr: A novel use of DMSO to improve radiochemical yield and preliminary small-animal PET results. Nuclear Medicine and Biology, 2022, 106-107, 21-28.	0.3	4
4	Long noncoding RNA and phase separation in cellular stress response. Journal of Biochemistry, 2022, 171, 269-276.	0.9	11
5	Regulation of RNA Stability Through RNA Modification. RNA Technologies, 2021, , 217-246.	0.2	1
6	Identification and analysis of short open reading frames (sORFs) in the initially annotated noncoding RNA LINC00493 from human cells. Journal of Biochemistry, 2021, 169, 421-434.	0.9	7
7	The role of micropeptides in biology. Cellular and Molecular Life Sciences, 2021, 78, 3285-3298.	2.4	28
8	Loss of the fragile X syndrome protein FMRP results in misregulation of nonsense-mediated mRNA decay. Nature Cell Biology, 2021, 23, 40-48.	4.6	23
9	Identification of a heat-inducible novel nuclear body containing the long noncoding RNA <i>MALAT1</i> . Journal of Cell Science, 2021, 134, .	1.2	17
10	Human U90926 orthologous long non-coding RNA as a novel biomarker for visual prognosis in herpes simplex virus type-1 induced acute retinal necrosis. Scientific Reports, 2021, 11, 12164.	1.6	6
11	A histone modifier, ASXL1, interacts with NONO and is involved in paraspeckle formation in hematopoietic cells. Cell Reports, 2021, 36, 109576.	2.9	15
12	hnRNPH1-MTR4 complex-mediated regulation of <i>NEAT1v2</i> stability is critical for <i>IL8</i> expression. RNA Biology, 2021, 18, 537-547.	1.5	9
13	The Functions and Unique Features of LncRNAs in Cancer Development and Tumorigenesis. International Journal of Molecular Sciences, 2021, 22, 632.	1.8	108
14	Identification of novel heat shock-induced long non-coding RNA in human cells. Journal of Biochemistry, 2021, 169, 497-505.	0.9	5
15	Repression of PUM1-mediated mRNA decay activates translesion synthesis after DNA damage. Molecular and Cellular Oncology, 2020, 7, 1812868.	0.3	0
16	Metabolic labeling of RNA using multiple ribonucleoside analogs enables the simultaneous evaluation of RNA synthesis and degradation rates. Genome Research, 2020, 30, 1481-1491.	2.4	20
17	Long noncoding RNA U90926 is crucial for herpes simplex virus type 1 proliferation in murine retinal photoreceptor cells. Scientific Reports, 2020, 10, 19406.	1.6	11
18	Long Non-coding RNAs Involved in Pathogenic Infection. Frontiers in Genetics, 2020, 11, 454.	1.1	38

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19	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
20	Exploration of <i>Salmonella</i> effector mutant strains on MTR4 and RRP6 degradation. <i>BioScience Trends</i> , 2020, 14, 255-262.	1.1	5
21	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
22	Identification of 2H phosphoesterase superfamily proteins with 2'-CPDase activity. <i>Biochimie</i> , 2019, 165, 235-244.	1.3	2
23	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
24	5'-Bromouridine IP Chase (BRIC)-Seq to Determine RNA Half-Lives. <i>Methods in Molecular Biology</i> , 2018, 1720, 1-13.	0.4	13
25	Interplay between Transcription and RNA Degradation. , 2018, , .		2
26	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
27	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
28	Diminished nuclear <i>RNA</i> decay upon <i>Salmonella</i> infection upregulates antibacterial noncoding <i>RNA</i> s. <i>EMBO Journal</i> , 2018, 37, .	3.5	55
29	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
30	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
31	Techniques for Genome-Wide Expression Analysis of Noncoding RNA. , 2017, , 153-165.		0
32	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
33	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
34	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
35	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
36	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

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37	Analysis of RNA decay factor mediated RNA stability contributions on RNA abundance. BMC Genomics, 2015, 16, 154.	1.2	36
38	Genome-Wide Analysis of Long Noncoding RNA Turnover. Methods in Molecular Biology, 2015, 1262, 305-320.	0.4	22
39	PBDE: Structure-Activity Studies for the Inhibition of Hepatitis C Virus NS3 Helicase. Molecules, 2014, 19, 4006-4020.	1.7	7
40	Identification and Biochemical Characterization of Halisulfate 3 and Suvanine as Novel Inhibitors of Hepatitis C Virus NS3 Helicase from a Marine Sponge. Marine Drugs, 2014, 12, 462-476.	2.2	14
41	Long Non-Coding RNAs Involved in Immune Responses. Frontiers in Immunology, 2014, 5, 573.	2.2	61
42	Long Noncoding RNA NEAT1-Dependent SFPQ Relocation from Promoter Region to Paraspeckle Mediates IL8 Expression upon Immune Stimuli. Molecular Cell, 2014, 53, 393-406.	4.5	574
43	BRIC-seq: A genome-wide approach for determining RNA stability in mammalian cells. Methods, 2014, 67, 55-63.	1.9	64
44	Cholesterol sulfate as a potential inhibitor of hepatitis C virus NS3 helicase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 223-229.	2.5	14
45	Psammaplin A inhibits hepatitis C virus NS3 helicase. Journal of Natural Medicines, 2013, 67, 765-772.	1.1	17
46	Hepatitis C Virus NS3 Inhibitors: Current and Future Perspectives. BioMed Research International, 2013, 1-9.	0.9	35
47	The RNA Degradation Pathway Regulates the Function of GAS5 a Non-Coding RNA in Mammalian Cells. PLoS ONE, 2013, 8, e55684.	1.1	149
48	Identification of hundreds of novel UPF1 target transcripts by direct determination of whole transcriptome stability. RNA Biology, 2012, 9, 1370-1379.	1.5	153
49	Inhibition of Hepatitis C Virus Replication and Viral Helicase by Ethyl Acetate Extract of the Marine Feather Star <i>Alloeocomatella polycladia</i> . Marine Drugs, 2012, 10, 744-761.	2.2	15
50	Identification of <i>cis</i> - and <i>trans</i> -acting factors involved in the localization of MALAT-1 noncoding RNA to nuclear speckles. Rna, 2012, 18, 738-751.	1.6	202
51	Genome-wide determination of RNA stability reveals hundreds of short-lived noncoding transcripts in mammals. Genome Research, 2012, 22, 947-956.	2.4	364
52	Genome-wide technology for determining RNA stability in mammalian cells. RNA Biology, 2012, 9, 1233-1238.	1.5	108
53	Identification and Characterization of Novel Genotoxic Stress-Inducible Nuclear Long Noncoding RNAs in Mammalian Cells. PLoS ONE, 2012, 7, e34949.	1.1	60
54	Inhibition of Hepatitis C Virus NS3 Helicase by Manoalide. Journal of Natural Products, 2012, 75, 650-654.	1.5	32

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55	Inhibition of Both Protease and Helicase Activities of Hepatitis C Virus NS3 by an Ethyl Acetate Extract of Marine Sponge Amphimedon sp. PLoS ONE, 2012, 7, e48685.	1.1	7
56	Long non-coding RNAs in cancer progression. Frontiers in Genetics, 2012, 3, 219.	1.1	218
57	MALAT1 enhances cell motility of lung adenocarcinoma cells by influencing the expression of motility-related genes. FEBS Letters, 2010, 584, 4575-4580.	1.3	391
58	Real-time monitoring of RNA helicase activity using fluorescence resonance energy transfer in vitro. Biochemical and Biophysical Research Communications, 2010, 393, 131-136.	1.0	33
59	High-throughput screening assay of hepatitis C virus helicase inhibitors using fluorescence-quenching phenomenon. Biochemical and Biophysical Research Communications, 2009, 379, 1054-1059.	1.0	19
60	A highly bone marrow metastatic murine breast cancer model established through in vivo selection exhibits enhanced anchorage-independent growth and cell migration mediated by ICAM-1. Clinical and Experimental Metastasis, 2008, 25, 517-529.	1.7	46
61	Messenger RNA Surveillance Systems Monitoring Proper Translation Termination. Journal of Biochemistry, 2007, 143, 1-8.	0.9	32
62	Translation of nonSTOP mRNA is repressed post-initiation in mammalian cells. EMBO Journal, 2007, 26, 2327-2338.	3.5	44