

Hidenori Tani

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,515
citations

471371

17
h-index

315616

38
g-index

43
all docs

43
docs citations

43
times ranked

2575
citing authors

#	ARTICLE	IF	CITATIONS
1	Naked-eye detection of specific DNA sequences amplified by the polymerase chain reaction with nanocomposite beads. <i>Analytical Biochemistry</i> , 2021, 617, 114114.	1.1	1
2	Heterologous expression of membrane-bound alcohol dehydrogenase-encoding genes for glyceric acid production using <i>Gluconobacter</i> sp. CHM43 and its derivatives. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 6749-6758.	1.7	3
3	MicroRNA biomarkers for chemical hazard screening identified by RNA deep sequencing analysis in mouse embryonic stem cells. <i>Toxicology and Applied Pharmacology</i> , 2020, 392, 114929.	1.3	3
4	Development and Application of Analytical Methods for Biological Molecules Using the Fluorescent Dyes and the Nucleotide Analogs. <i>Bunseki Kagaku</i> , 2019, 68, 109-116.	0.1	0
5	Short-lived long noncoding RNAs as surrogate indicators for chemical stress in HepG2 cells and their degradation by nuclear RNases. <i>Scientific Reports</i> , 2019, 9, 20299.	1.6	18
6	Identification of RNA biomarkers for chemical safety screening in neural cells derived from mouse embryonic stem cells using RNA deep sequencing analysis. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 641-646.	1.0	1
7	Rapid monitoring of RNA degradation activity in vivo for mammalian cells. <i>Journal of Bioscience and Bioengineering</i> , 2017, 123, 523-527.	1.1	2
8	Effect of methyl p-hydroxybenzoate on the culture of mammalian cell. <i>Drug Discoveries and Therapeutics</i> , 2017, 11, 276-280.	0.6	0
9	Short-lived non-coding transcripts (SLiTs): Clues to regulatory long non-coding RNA. <i>Drug Discoveries and Therapeutics</i> , 2017, 11, 20-24.	0.6	8
10	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
11	Short-lived long non-coding RNAs as surrogate indicators for chemical exposure and LINC00152 and MALAT1 modulate their neighboring genes. <i>PLoS ONE</i> , 2017, 12, e0181628.	1.1	12
12	Identification of RNA biomarkers for chemical safety screening in mouse embryonic stem cells using RNA deep sequencing analysis. <i>PLoS ONE</i> , 2017, 12, e0182032.	1.1	6
13	Genome-wide gene expression analysis of mouse embryonic stem cells exposed to p-dichlorobenzene. <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 329-333.	1.1	8
14	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
15	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
16	Development of cytotoxicity-sensitive human cells using overexpression of long non-coding RNAs. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 604-608.	1.1	19
17	Analysis of RNA decay factor mediated RNA stability contributions on RNA abundance. <i>BMC Genomics</i> , 2015, 16, 154.	1.2	36
18	Genome-Wide Analysis of Long Noncoding RNA Turnover. <i>Methods in Molecular Biology</i> , 2015, 1262, 305-320.	0.4	22

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19	Long Non-Coding RNAs as Surrogate Indicators for Chemical Stress Responses in Human-Induced Pluripotent Stem Cells. <i>PLoS ONE</i> , 2014, 9, e106282.	1.1	70
20	PBDE: Structure-Activity Studies for the Inhibition of Hepatitis C Virus NS3 Helicase. <i>Molecules</i> , 2014, 19, 4006-4020.	1.7	7
21	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
22	BRIC-seq: A genome-wide approach for determining RNA stability in mammalian cells. <i>Methods</i> , 2014, 67, 55-63.	1.9	64
23	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
24	Psammaplin A inhibits hepatitis C virus NS3 helicase. <i>Journal of Natural Medicines</i> , 2013, 67, 765-772.	1.1	17
25	Identification of short-lived long non-coding RNAs as surrogate indicators for chemical stress response. <i>Biochemical and Biophysical Research Communications</i> , 2013, 439, 547-551.	1.0	61
26	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
27	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
28	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
29	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
30	Genome-wide technology for determining RNA stability in mammalian cells. <i>RNA Biology</i> , 2012, 9, 1233-1238.	1.5	108
31	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
32	Inhibition of Hepatitis C Virus NS3 Helicase by Manoalide. <i>Journal of Natural Products</i> , 2012, 75, 650-654.	1.5	32
33	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
34	Quantitative detection of chloroethene-reductive bacteria <i>Dehalococcoides</i> spp. using alternately binding probe competitive polymerase chain reaction. <i>Molecular and Cellular Probes</i> , 2010, 24, 131-137.	0.9	6
35	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
36	Real-time reverse transcription loop-mediated isothermal amplification for rapid and simple quantification of WT1 mRNA. <i>Clinical Biochemistry</i> , 2009, 42, 515-520.	0.8	10

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37	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
38	Universal Quenching Probe System: Flexible, Specific, and Cost-Effective Real-Time Polymerase Chain Reaction Method. <i>Analytical Chemistry</i> , 2009, 81, 5678-5685.	3.2	33
39	Estimation of single-nucleotide polymorphism allele frequency by alternately binding probe competitive polymerase chain reaction. <i>Analytica Chimica Acta</i> , 2008, 608, 211-216.	2.6	8
40	Quantitative Method for Specific Nucleic Acid Sequences Using Competitive Polymerase Chain Reaction with an Alternately Binding Probe. <i>Analytical Chemistry</i> , 2007, 79, 974-979.	3.2	25
41	Technique for Quantitative Detection of Specific DNA Sequences Using Alternately Binding Quenching Probe Competitive Assay Combined with Loop-Mediated Isothermal Amplification. <i>Analytical Chemistry</i> , 2007, 79, 5608-5613.	3.2	56
42	Calibration-curve-free quantitative PCR: A quantitative method for specific nucleic acid sequences without using calibration curves. <i>Analytical Biochemistry</i> , 2007, 369, 105-111.	1.1	5
43	Quantification of Genetically Modified Soybean by Quenching Probe Polymerase Chain Reaction. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 2535-2540.	2.4	15