

Hiroyuki Niida

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

3,835
citations

257450

24
h-index

233421

45
g-index

45
all docs

45
docs citations

45
times ranked

5884
citing authors

#	ARTICLE	IF	CITATIONS
1	C9a histone methyltransferase plays a dominant role in euchromatic histone H3 lysine 9 methylation and is essential for early embryogenesis. <i>Genes and Development</i> , 2002, 16, 1779-1791.	5.9	1,084
2	DNA damage checkpoints in mammals. <i>Mutagenesis</i> , 2006, 21, 3-9.	2.6	366
3	Cloning of mice to six generations. <i>Nature</i> , 2000, 407, 318-319.	27.8	242
4	Chk1 Is a Histone H3 Threonine 11 Kinase that Regulates DNA Damage-Induced Transcriptional Repression. <i>Cell</i> , 2008, 132, 221-232.	28.9	238
5	Cell cycle regulation by long non-coding RNAs. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 4785-4794.	5.4	226
6	Severe growth defect in mouse cells lacking the telomerase RNA component. <i>Nature Genetics</i> , 1998, 19, 203-206.	21.4	159
7	Specific Role of Chk1 Phosphorylations in Cell Survival and Checkpoint Activation. <i>Molecular and Cellular Biology</i> , 2007, 27, 2572-2581.	2.3	153
8	Cyclin Aâ€Cdk1 regulates the origin firing program in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3184-3189.	7.1	133
9	Telomere Maintenance in Telomerase-Deficient Mouse Embryonic Stem Cells: Characterization of an Amplified Telomeric DNA. <i>Molecular and Cellular Biology</i> , 2000, 20, 4115-4127.	2.3	129
10	Essential role of Tip60-dependent recruitment of ribonucleotide reductase at DNA damage sites in DNA repair during G1 phase. <i>Genes and Development</i> , 2010, 24, 333-338.	5.9	115
11	Depletion of Chk1 Leads to Premature Activation of Cdc2-cyclin B and Mitotic Catastrophe. <i>Journal of Biological Chemistry</i> , 2005, 280, 39246-39252.	3.4	112
12	Long Noncoding RNA <i>ELIT-1</i> Acts as a Smad3 Cofactor to Facilitate TGFÎ²/Smad Signaling and Promote Epithelialâ€Mesenchymal Transition. <i>Cancer Research</i> , 2019, 79, 2821-2838.	0.9	84
13	Genetic instability in cancer cells by impaired cell cycle checkpoints. <i>Cancer Science</i> , 2006, 97, 984-989.	3.9	73
14	Mechanisms of dNTP supply that play an essential role in maintaining genome integrity in eukaryotic cells. <i>Cancer Science</i> , 2010, 101, 2505-2509.	3.9	59
15	Cooperative functions of Chk1 and Chk2 reduce tumour susceptibility in vivo. <i>EMBO Journal</i> , 2010, 29, 3558-3570.	7.8	48
16	Protein phosphatase 1Î³ is responsible for dephosphorylation of histone H3 at Thr 11 after DNA damage. <i>EMBO Reports</i> , 2010, 11, 883-889.	4.5	48
17	DNA damage responses in skin biologyâ€Implications in tumor prevention and aging acceleration. <i>Journal of Dermatological Science</i> , 2009, 56, 76-81.	1.9	46
18	Human SAD1 Kinase Is Involved in UV-induced DNA Damage Checkpoint Function. <i>Journal of Biological Chemistry</i> , 2004, 279, 31164-31170.	3.4	45

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19	Negative Regulation of Chk2 Expression by p53 Is Dependent on the CCAAT-binding Transcription Factor NF-Y. <i>Journal of Biological Chemistry</i> , 2004, 279, 25093-25100.	3.4	43
20	p53 promotes transcription of cyclin D1 in human non-small cell lung cancers. <i>Genes To Cells</i> , 2014, 19, 504-516.	1.2	43
21	Long Non-coding RNA, PANDA, Contributes to the Stabilization of p53 Tumor Suppressor Protein. <i>Anticancer Research</i> , 2016, 36, 1605-11.	1.1	31
22	Fbw7 Targets GATA3 through Cyclin-Dependent Kinase 2-Dependent Proteolysis and Contributes to Regulation of T-Cell Development. <i>Molecular and Cellular Biology</i> , 2014, 34, 2732-2744.	2.3	30
23	Phosphorylated HBO1 at UV irradiated sites is essential for nucleotide excision repair. <i>Nature Communications</i> , 2017, 8, 16102.	12.8	29
24	Histone H3 Lysine 36 Trimethylation Is Established over the Xist Promoter by Antisense Tsix Transcription and Contributes to Repressing Xist Expression. <i>Molecular and Cellular Biology</i> , 2015, 35, 3909-3920.	2.3	27
25	Regulation of GATA-binding Protein 2 Levels via Ubiquitin-dependent Degradation by Fbw7. <i>Journal of Biological Chemistry</i> , 2015, 290, 10368-10381.	3.4	27
26	UV Damage-Induced Phosphorylation of HBO1 Triggers CRL4 ^{DDB2} -Mediated Degradation To Regulate Cell Proliferation. <i>Molecular and Cellular Biology</i> , 2016, 36, 394-406.	2.3	27
27	Chk1 phosphorylates the tumour suppressor Mig-6, regulating the activation of EGF signalling. <i>EMBO Journal</i> , 2012, 31, 2365-2377.	7.8	25
28	Essential role of Chk1 in S phase progression through regulation of RNR2 expression. <i>Biochemical and Biophysical Research Communications</i> , 2008, 374, 79-83.	2.1	23
29	Chk1-cyclin A/Cdk1 axis regulates origin firing programs in mammals. <i>Chromosome Research</i> , 2010, 18, 103-113.	2.2	22
30	p53 binds to and represses the p16 tumor suppressor gene. <i>Genes To Cells</i> , 2013, 18, 999-1006.	1.2	18
31	Up-regulation of Cks1 and Skp2 with TNF α /NF- κ B signaling in chronic progressive nephropathy. <i>Genes To Cells</i> , 2011, 16, 1110-1120.	1.2	16
32	Inhibiting Skp2 E3 Ligase Suppresses Bleomycin-Induced Pulmonary Fibrosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 474.	4.1	16
33	The Amelioration of Renal Damage in Skp2-Deficient Mice Canceled by p27 Kip1 Deficiency in Skp2 ^{-/-} p27 ^{-/-} Mice. <i>PLoS ONE</i> , 2012, 7, e36249.	2.5	15
34	Oncogenic Ras influences the expression of multiple lncRNAs. <i>Cytotechnology</i> , 2016, 68, 1591-1596.	1.6	14
35	HDAC3 Is Required for XPC Recruitment and Nucleotide Excision Repair of DNA Damage Induced by UV Irradiation. <i>Molecular Cancer Research</i> , 2020, 18, 1367-1378.	3.4	14
36	Homeobox Transcription Factor NKX2-1 Promotes Cyclin D1 Transcription in Lung Adenocarcinomas. <i>Molecular Cancer Research</i> , 2017, 15, 1388-1397.	3.4	10

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37	Isozyme-Specific Role of SAD-A in Neuronal Migration During Development of Cerebral Cortex. <i>Cerebral Cortex</i> , 2019, 29, 3738-3751.	2.9	10
38	Involvement of ribonucleotide reductase-M1 in 5-fluorouracil-induced DNA damage in esophageal cancer cell lines. <i>International Journal of Oncology</i> , 2013, 42, 1951-1960.	3.3	9
39	Dynamics of transcription-mediated conversion from euchromatin to facultative heterochromatin at the Xist promoter by Tsix. <i>Cell Reports</i> , 2021, 34, 108912.	6.4	9
40	Ptpcd-1 is a novel cell cycle related phosphatase that regulates centriole duplication and cytokinesis. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 460-466.	2.1	7
41	Telomeres reforged with non-telomeric sequences in mouse embryonic stem cells. <i>Nature Communications</i> , 2021, 12, 1097.	12.8	3
42	Homologous recombination is reduced in female embryonic stem cells by two active X chromosomes. <i>EMBO Reports</i> , 2021, 22, e52190.	4.5	3
43	Regulation of DNA Replication Licensing. <i>Current Drug Targets</i> , 2012, 13, 1588-1592.	2.1	2
44	Substitution of Thr572 to Ala in mouse c-Myb attenuates progression of early erythroid differentiation. <i>Scientific Reports</i> , 2020, 10, 14381.	3.3	1