Hideo Nishitani

List of Publications by Year
in descending order

59 papers	3,653 citations	218677 26 h-index	144013 57 g-index
60 all docs	60 docs citations	60 times ranked	3197 citing authors

#	Article	IF	Citations
1	CRL4Cdt2 Ubiquitin Ligase, A Genome Caretaker Controlled by Cdt2 Binding to PCNA and DNA. Genes, 2022, 13, 266.	2.4	2
2	CRL4Cdt2: Coupling Genome Stability to Ubiquitination. Trends in Cell Biology, 2020, 30, 290-302.	7.9	27
3	A DNA-binding domain in the C-terminal region of Cdt2 enhances the DNA synthesis-coupled CRL4Cdt2 ubiquitin ligase activity for Cdt1. Journal of Biochemistry, 2019, 165, 505-516.	1.7	4
4	Architecture of the complete oxygen-sensing FixL-FixJ two-component signal transduction system. Science Signaling, 2018, 11, .	3.6	38
5	Mutations at multiple CDK phosphorylation consensus sites on Cdt2 increase the affinity of CRL4^{Cdt2} for PCNA and its ubiquitination activity in S phase. Genes To Cells, 2018, 23, 200-213.	1.2	11
6	Direct binding of Cdt2 to PCNA is important for targeting the CRL4^{Cdt2} E3 ligase activity to Cdt1. Life Science Alliance, 2018, 1, e201800238.	2.8	18
7	Mismatch repair proteins recruited to ultraviolet light-damaged sites lead to degradation of licensing factor Cdt1 in the G1 phase. Cell Cycle, 2017, 16, 673-684.	2.6	14
8	Thymine <scp>DNA</scp> glycosylase modulates <scp>DNA</scp> damage response and gene expression by base excision repairâ€dependent and independent mechanisms. Genes To Cells, 2017, 22, 392-405.	1.2	4
9	Phosphorylated HBO1 at UV irradiated sites is essential for nucleotide excision repair. Nature Communications, 2017, 8, 16102.	12.8	29
10	Control of Genome Integrity by RFC Complexes; Conductors of PCNA Loading onto and Unloading from Chromatin during DNA Replication. Genes, 2017, 8, 52.	2.4	84
11	Mitotic UV Irradiation Induces a DNA Replication-Licensing Defect that Potentiates G1 Arrest Response. PLoS ONE, 2015, 10, e0120553.	2.5	7
12	RanBP9 Modulates AICD Localization and Transcriptional Activity via Direct Interaction with Tip60. Journal of Alzheimer's Disease, 2014, 42, 1415-1433.	2.6	21
13	Imaging Analysis of Cell Cycle-Dependent Degradation of Cdt1 in Mammalian Cells. Methods in Molecular Biology, 2014, 1170, 357-365.	0.9	2
14	PCNA-Dependent Ubiquitination of Cdt1 and p21 in Mammalian Cells. Methods in Molecular Biology, 2014, 1170, 367-382.	0.9	10
15	Chromatin Fractionation Analysis of Licensing Factors in Mammalian Cells. Methods in Molecular Biology, 2014, 1170, 517-527.	0.9	7
16	Imaging Analysis to Determine Chromatin Binding of the Licensing Factor MCM2-7 in Mammalian Cells. Methods in Molecular Biology, 2014, 1170, 529-537.	0.9	4
17	Alternative replication factor C protein, Elg1, maintains chromosome stability by regulating <scp>PCNA</scp> levels on chromatin. Genes To Cells, 2013, 18, 946-959.	1.2	34
18	Cell Cycle-dependent Subcellular Translocation of the Human DNA Licensing Inhibitor Geminin. Journal of Biological Chemistry, 2013, 288, 23953-23963.	3.4	12

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19	Two Different Replication Factor C Proteins, Ctf18 and RFC1, Separately Control PCNA-CRL4^{Cdt2}-Mediated Cdt1 Proteolysis during S Phase and following UV Irradiation. Molecular and Cellular Biology, 2012, 32, 2279-2288.	2.3	24
20	Inhibition of DNA Damage-induced Apoptosis through Cdc7-mediated Stabilization of Tob. Journal of Biological Chemistry, 2012, 287, 40256-40265.	3.4	16
21	Cdt1 Is Differentially Targeted for Degradation by Anticancer Chemotherapeutic Drugs. PLoS ONE, 2012, 7, e34621.	2.5	27
22	Checkpoint Kinase ATR Phosphorylates Cdt2, a Substrate Receptor of CRL4 Ubiquitin Ligase, and Promotes the Degradation of Cdt1 following UV Irradiation. PLoS ONE, 2012, 7, e46480.	2.5	13
23	Dynamic recruitment of licensing factor Cdt1 to sites of DNA damage. Journal of Cell Science, 2011, 124, 422-434.	2.0	39
24	Positively charged residues located downstream of PIP box, together with TD amino acids within PIP box, are important for CRL4Cdt2-mediated proteolysis. Genes To Cells, 2011, 16, 12-22.	1.2	33
25	Proliferating Cell Nuclear Antigen-dependent Rapid Recruitment of Cdt1 and CRL4Cdt2 at DNA-damaged Sites after UV Irradiation in HeLa Cells. Journal of Biological Chemistry, 2010, 285, 41993-42000.	3.4	31
26	START-GAP2/DLC2 is localized in focal adhesions via its N-terminal region. Biochemical and Biophysical Research Communications, 2009, 380, 736-741.	2.1	20
27	Schizosaccharomyces pombe Snf2SR, a novel SNF2 family protein, interacts with Ran GTPase and modulates both RanGEF and RanGAP activities. Genes To Cells, 2008, 13, 571-582.	1.2	4
28	Polycomb-group complex 1 acts as an E3 ubiquitin ligase for Geminin to sustain hematopoietic stem cell activity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10396-10401.	7.1	57
29	CDK Inhibitor p21 Is Degraded by a Proliferating Cell Nuclear Antigen-coupled Cul4-DDB1Cdt2 Pathway during S Phase and after UV Irradiation. Journal of Biological Chemistry, 2008, 283, 29045-29052.	3.4	215
30	Geminin Cleavage during Apoptosis by Caspase-3 Alters Its Binding Ability to the SWI/SNF Subunit Brahma. Journal of Biological Chemistry, 2007, 282, 9346-9357.	3.4	24
31	Temperature-sensitive defects of the GSP1gene, yeast Ran homologue, activate the Tel1-dependent pathway. Biochemical and Biophysical Research Communications, 2007, 353, 330-336.	2.1	5
32	Identification of novel suppressors for Mog1 implies its involvement in RNA metabolism, lipid metabolism and signal transduction. Gene, 2007, 400, 114-121.	2.2	6
33	Cdt1 associates dynamically with chromatin throughout G1 and recruits Geminin onto chromatin. EMBO Journal, 2007, 26, 1303-1314.	7.8	69
34	Two E3 ubiquitin ligases, SCF-Skp2 and DDB1-Cul4, target human Cdt1 for proteolysis. EMBO Journal, 2006, 25, 1126-1136.	7.8	350
35	Nuclear RanGAP Is Required for the Heterochromatin Assembly and Is Reciprocally Regulated by Histone H3 and Clr4 Histone Methyltransferase in Schizosaccharomyces pombe. Molecular Biology of the Cell, 2006, 17, 2524-2536.	2.1	18
36	Loss of RanGEF/Pim1 activity abolishes the orchestration of Ran-mediated mitotic cellular events in S. pombe. Genes To Cells, 2005, 11, 29-46.	1.2	8

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37	Schizosaccharomyces pombe RanGAP Homolog, SpRna1, Is Required for Centromeric Silencing and Chromosome Segregation. Molecular Biology of the Cell, 2004, 15, 4960-4970.	2.1	15
38	Cdt1 Phosphorylation by Cyclin A-dependent Kinases Negatively Regulates Its Function without Affecting Geminin Binding. Journal of Biological Chemistry, 2004, 279, 19691-19697.	3.4	158
39	Cdt1 and geminin are down-regulated upon cell cycle exit and are over-expressed in cancer-derived cell lines. FEBS Journal, 2004, 271, 3368-3378.	0.2	91
40	Proteolysis of DNA Replication Licensing Factor Cdt1 in S-phase Is Performed Independently of Geminin through Its N-terminal Region. Journal of Biological Chemistry, 2004, 279, 30807-30816.	3.4	110
41	Overexpression of the Replication Licensing Regulators hCdt1 and hCdc6 Characterizes a Subset of Non-Small-Cell Lung Carcinomas. American Journal of Pathology, 2004, 165, 1351-1365.	3.8	160
42	Multiple ORC-binding sites are required for efficient MCM loading and origin firing in fission yeast. EMBO Journal, 2003, 22, 964-974.	7.8	51
43	Caffeine mimics adenine and 2â€²-deoxyadenosine, both of which inhibit the guanine-nucleotide exchange activity of RCC1 and the kinase activity of ATR. Genes To Cells, 2003, 8, 423-435.	1.2	19
44	Two Ubiquitin-Conjugating Enzymes, UbcP1/Ubc4 and UbcP4/Ubc11, Have Distinct Functions for Ubiquitination of Mitotic Cyclin. Molecular and Cellular Biology, 2003, 23, 3497-3505.	2.3	32
45	RanBPM, a Nuclear Protein That Interacts with and Regulates Transcriptional Activity of Androgen Receptor and Glucocorticoid Receptor. Journal of Biological Chemistry, 2002, 277, 48020-48027.	3.4	82
46	Control of DNA replication licensing in a cell cycle. Genes To Cells, 2002, 7, 523-534.	1.2	208
47	Full-sized RanBPM cDNA encodes a protein possessing a long stretch of proline and glutamine within the N-terminal region, comprising a large protein complex. Gene, 2001, 272, 25-33.	2.2	98
48	The Human Licensing Factor for DNA Replication Cdt1 Accumulates in G1 and Is Destabilized after Initiation of S-phase. Journal of Biological Chemistry, 2001, 276, 44905-44911.	3.4	231
49	The Cdt1 protein is required to license DNA for replication in fission yeast. Nature, 2000, 404, 625-628.	27.8	429
50	Premature chromatin condensation caused by loss of RCC1. , 2000, 4, 145-156.		10
51	When Overexpressed, a Novel Centrosomal Protein, RanBPM, Causes Ectopic Microtubule Nucleation Similar to Î³-Tubulin. Journal of Cell Biology, 1998, 143, 1041-1052.	5.2	175
52	A Dual-Specificity Phosphatase Cdc25B Is an Unstable Protein and Triggers p34cdc2/Cyclin B Activation in Hamster BHK21 Cells Arrested with Hydroxyurea. Journal of Cell Biology, 1997, 138, 1105-1116.	5.2	89
53	The cdc18 protein initiates DNA replication in fission yeast. , 1997, 3, 135-142.		7
54	A hamster temperatureâ€sensitive G1 mutant, tsBN250 has a single point mutation in histidylâ€tRNA synthetase that inhibits an accumulation of cyclin D1. Genes To Cells, 1996, 1, 1101-1112.	1.2	16

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55	p65cdc18 Plays a major role controlling the initiation of DNA replication in fission yeast. Cell, 1995, 83, 397-405.	28.9	277
56	Specific chromosomal sites enhancing homologous recombination in Escherichia coli mutants defective in RNase H. Molecular Genetics and Genomics, 1993, 240, 307-314.	2.4	24
57	tsBN75 and tsBN423, temperature-sensitive X-linked mutants of the BHK21 cell line, can be complemented by the ubiquitin-activating enzyme E1 cDNA. Biochemical and Biophysical Research Communications, 1992, 184, 1015-1021.	2.1	12
58	Cloning of Xenopus RCC1 cDNA, a Homolog of the Human RCC1 Gene: Complementation of tsBN2 Mutation and Identification of the Product1. Journal of Biochemistry, 1990, 107, 228-235.	1.7	42
59	Replication intermediate of a hybrid plasmid carrying the replication terminus (ter) site of R6K as revealed by agarose gel electrophoresis. Molecular Genetics and Genomics, 1987, 210, 394-398.	2.4	30