

Katsuyuki Tamai

List of Publications by Year in descending order

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60
papers

13,070
citations

117625

34
h-index

138484

58
g-index

62
all docs

62
docs citations

62
times ranked

13359
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of the ATM Kinase by Ionizing Radiation and Phosphorylation of p53. , 1998, 281, 1677-1679.		1,754
2	Chk1 is an essential kinase that is regulated by Atr and required for the G ₂ /M DNA damage checkpoint. <i>Genes and Development</i> , 2000, 14, 1448-1459.	5.9	1,216
3	p53AIP1, a Potential Mediator of p53-Dependent Apoptosis, and Its Regulation by Ser-46-Phosphorylated p53. <i>Cell</i> , 2000, 102, 849-862.	28.9	1,095
4	Multiple Ras-dependent phosphorylation pathways regulate Myc protein stability. <i>Genes and Development</i> , 2000, 14, 2501-2514.	5.9	1,087
5	Suppression of apoptosis in mammalian cells by NAIP and a related family of IAP genes. <i>Nature</i> , 1996, 379, 349-353.	27.8	982
6	The gene for neuronal apoptosis inhibitory protein is partially deleted in individuals with spinal muscular atrophy. <i>Cell</i> , 1995, 80, 167-178.	28.9	969
7	Ataxia telangiectasia-mutated phosphorylates Chk2 in vivo and in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 10389-10394.	7.1	768
8	The human homologs of checkpoint kinases Chk1 and Cds1 (Chk2) phosphorylate p53 at multiple DNA damage-inducible sites. <i>Genes and Development</i> , 2000, 14, 289-300.	5.9	749
9	DJ-1, a Novel Oncogene Which Transforms Mouse NIH3T3 Cells in Cooperation withras. <i>Biochemical and Biophysical Research Communications</i> , 1997, 231, 509-513.	2.1	699
10	Identification of XAF1 as an antagonist of XIAP anti-Caspase activity. <i>Nature Cell Biology</i> , 2001, 3, 128-133.	10.3	398
11	XIAP, a cellular member of the inhibitor of apoptosis protein family, links the receptors to TAB1-TAK1 in the BMP signaling pathway. <i>EMBO Journal</i> , 1999, 18, 179-187.	7.8	330
12	NBS1 Localizes to γ -H2AX Foci through Interaction with the FHA/BRCT Domain. <i>Current Biology</i> , 2002, 12, 1846-1851.	3.9	272
13	Elevation of neuronal expression of NAIP reduces ischemic damage in the rat hippocampus. <i>Nature Medicine</i> , 1997, 3, 997-1004.	30.7	257
14	p53 Is Phosphorylated by CDK7-Cyclin H in a p36 ^{Mat1} -Dependent Manner. <i>Molecular and Cellular Biology</i> , 1997, 17, 7220-7229.	2.3	162
15	Phosphorylation of MCM4 by Cdc7 Kinase Facilitates Its Interaction with Cdc45 on the Chromatin. <i>Journal of Biological Chemistry</i> , 2006, 281, 39249-39261.	3.4	160
16	Immuno-histochemical detection of human telomerase catalytic component, hTERT, in human colorectal tumor and non-tumor tissue sections. <i>Oncogene</i> , 1999, 18, 1561-1567.	5.9	158
17	Identification of X-linked Inhibitor of Apoptosis-associated Factor-1 as an Interferon-stimulated Gene That Augments TRAIL Apo2L-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 28504-28511.	3.4	151
18	The centrosomal protein Lats2 is a phosphorylation target of Aurora-A kinase. <i>Genes To Cells</i> , 2004, 9, 383-397.	1.2	142

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19	Human Cdc7-related Kinase Complex. <i>Journal of Biological Chemistry</i> , 2000, 275, 29042-29052.	3.4	137
20	Structural study of immunoaffinity-purified DNA polymerase δ -DNA primase complex from calf thymus. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1988, 950, 263-273.	2.4	119
21	c-Myc acetylation at the carboxyl-terminal conserved domain by transcriptional co-activator p300. <i>Oncogene</i> , 2000, 19, 444-451.	5.9	119
22	Requirement of ATM in Phosphorylation of the Human p53 Protein at Serine 15 following DNA Double-Strand Breaks. <i>Molecular and Cellular Biology</i> , 1999, 19, 2828-2834.	2.3	118
23	Over-expression of human DNA polymerase lambda in <i>E. coli</i> and characterization of the recombinant enzyme. <i>Genes To Cells</i> , 2002, 7, 639-651.	1.2	97
24	MYC1, a novel MYC binding protein that stimulates transcription activity of MYC. <i>Genes To Cells</i> , 1998, 3, 549-565.	1.2	77
25	Activation of cyclin D1-kinase in murine fibroblasts lacking both p21Cip1 and p27Kip1. <i>Oncogene</i> , 2002, 21, 8067-8074.	5.9	77
26	Characterization of myotonic dystrophy kinase (DMK) protein in human and rodent muscle and central nervous tissue. <i>Human Molecular Genetics</i> , 1995, 4, 1063-1072.	2.9	66
27	Two Functional Coding Single Nucleotide Polymorphisms in STK15 (Aurora-A) Coordinately Increase Esophageal Cancer Risk. <i>Cancer Research</i> , 2005, 65, 3548-3554.	0.9	65
28	Cell Cycle-dependent Switch of Up- and Down-regulation of Human hsp70 Gene Expression by Interaction between c-Myc and CBF/NF-Y. <i>Journal of Biological Chemistry</i> , 1999, 274, 24270-24279.	3.4	62
29	The inhibitory effect of novel triterpenoid compounds, fomitelic acids, on DNA polymerase δ . <i>Biochemical Journal</i> , 1998, 330, 1325-1332.	3.7	58
30	PAP-1, a novel target protein of phosphorylation by Pim-1 kinase. <i>FEBS Journal</i> , 2000, 267, 5168-5178.	0.2	56
31	Regulation of checkpoint kinases through dynamic interaction with Crb2. <i>EMBO Journal</i> , 2004, 23, 418-428.	7.8	50
32	Overexpression of 3'-Untranslated Region of the Myotonic Dystrophy Kinase cDNA Inhibits Myoblast Differentiation in Vitro. <i>Journal of Biological Chemistry</i> , 1997, 272, 29626-29635.	3.4	43
33	The Second-Largest Subunit of the Mouse DNA Polymerase δ -Primase Complex Facilitates Both Production and Nuclear Translocation of the Catalytic Subunit of DNA Polymerase δ . <i>Molecular and Cellular Biology</i> , 1998, 18, 3552-3562.	2.3	43
34	Pim-1 translocates sorting nexin 6/TRAF4-associated factor 2 from cytoplasm to nucleus. <i>FEBS Letters</i> , 2001, 506, 33-38.	2.8	43
35	ORC1 interacts with c-Myc to inhibit E-box-dependent transcription by abrogating c-Myc-SNF5/INI1 interaction. <i>Genes To Cells</i> , 2000, 5, 481-490.	1.2	37
36	Epstein-Barr Virus Single-Stranded DNA-Binding Protein: Purification, Characterization, and Action on DNA Synthesis by the Viral DNA Polymerase. <i>Virology</i> , 1996, 222, 352-364.	2.4	35

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37	Molecular Cloning of a Human Protein That Binds to the Retinoblastoma Protein and Chromosomal Mapping. <i>Genomics</i> , 1995, 27, 511-519.	2.9	34
38	Assembly of the Epstein-Barr virus BBLF4, BSLF1 and BBLF2/3 proteins and their interactive properties. <i>Journal of General Virology</i> , 1999, 80, 2879-2887.	2.9	31
39	Investigation of Myotonic Dystrophy Kinase Isoform Translocation and Membrane Association. <i>Journal of Biological Chemistry</i> , 1996, 271, 15187-15193.	3.4	30
40	Different requirements for the association of ATR-ATRIP and 9-1-1 to the stalled replication forks. <i>Gene</i> , 2006, 377, 88-95.	2.2	30
41	Terminal deoxynucleotidyltransferase is negatively regulated by direct interaction with proliferating cell nuclear antigen. <i>Genes To Cells</i> , 2001, 6, 815-824.	1.2	29
42	Intermediate form of mucopolysaccharidosis type II (Hunter disease): A C1327 to T substitution in the iduronate sulfatase gene. <i>Biochemical and Biophysical Research Communications</i> , 1992, 183, 809-813.	2.1	28
43	Expression patterns of DNA replication enzymes and the regulatory factor DREF during <i>Drosophila</i> development analyzed with specific antibodies. <i>Biology of the Cell</i> , 1995, 85, 147-155.	2.0	27
44	Terminal deoxynucleotidyltransferase directly interacts with a novel nuclear protein that is homologous to p65. <i>Genes To Cells</i> , 2001, 6, 641-652.	1.2	27
45	Isolation and characterization of the TIGA genes, whose transcripts are induced by growth arrest. <i>Nucleic Acids Research</i> , 2006, 34, 4878-4892.	14.5	27
46	DNA polymerase lambda directly binds to proliferating cell nuclear antigen through its confined C-terminal region. <i>Genes To Cells</i> , 2005, 10, 705-715.	1.2	26
47	Amino-terminal domain of ATRIP contributes to intranuclear relocation of the ATR-ATRIP complex following DNA damage. <i>FEBS Letters</i> , 2004, 577, 289-293.	2.8	22
48	Defect of a fiber cell-specific 94-kDa protein in the lens of inherited microphthalmic mutant mouse Elo. <i>Biochemical and Biophysical Research Communications</i> , 1991, 179, 1175-1180.	2.1	15
49	Terminal deoxynucleotidyltransferase forms a ternary complex with a novel chromatin remodeling protein with 82 kDa and core histone. <i>Genes To Cells</i> , 2003, 8, 559-571.	1.2	15
50	Ectopic expression of BEAF32A in the <i>Drosophila</i> eye imaginal disc inhibits differentiation of photoreceptor cells and induces apoptosis. <i>Chromosoma</i> , 2001, 110, 313-321.	2.2	13
51	A Novel Stimulating Protein of Mammalian DNA Polymerase δ . <i>Journal of Biochemistry</i> , 1989, 106, 389-395.	1.7	10
52	Efficient purification of a full length and biochemically active p110Rb, the retinoblastoma gene product. <i>Biochemical and Biophysical Research Communications</i> , 1992, 187, 697-702.	2.1	10
53	Stimulation of DNA Polymerase δ Activity by Cdk2-Phosphorylated Rb Protein. <i>Biochemical and Biophysical Research Communications</i> , 2001, 282, 984-990.	2.1	10
54	Establishment of and Recovery from Damage Checkpoint Requires Sequential Interactions of Crb2 with Protein Kinases Rad3, Chk1, and Cdc2. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2000, 65, 443-450.	1.1	7

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55	Generation and Application of Phospho-specific Antibodies for p53 and pRB. , 2003, 223, 17-26.		6
56	Microtubule Bundle Formation and Cell Death Induced by the Human CLASP/Orbit N-Terminal Fragment. Cell Structure and Function, 2005, 30, 7-13.	1.1	6
57	Replication of the rat aldolase B locus differs between aldolase B-expressing and non-expressing cells. FEBS Letters, 2001, 505, 332-336.	2.8	5
58	Enzyme-Linked Immunosorbent Assay for Distinct Cyclin-Dependent Kinase Activities Using Phosphorylation-Site-Specific Anti-pRB Monoclonal Antibodies. Analytical Biochemistry, 2002, 301, 65-74.	2.4	5
59	Characterization of a Mr= 56,000 polypeptide associated with 10S DNA polymerase β purified from calf thymus using monoclonal antibody. Nucleic Acids Research, 1985, 13, 6635-6649.	14.5	4
60	Cdk4-Cyclin D1 and Cdk2-Cyclin E/A Phosphorylate Different Sites in the RB Protein. , 1997, , 229-231.		1