

# Katsuyuki Tamai

## List of Publications by Citations

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60  
papers

11,179  
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34  
h-index

62  
g-index

62  
ext. papers

11,789  
ext. citations

9.5  
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5.05  
L-index

#	Paper	IF	Citations
60	Activation of the ATM kinase by ionizing radiation and phosphorylation of p53. <i>Science</i> , <b>1998</b> , 281, 1677-93	33.3	1551
59	p53AIP1, a potential mediator of p53-dependent apoptosis, and its regulation by Ser-46-phosphorylated p53. <i>Cell</i> , <b>2000</b> , 102, 849-62	56.2	1005
58	Suppression of apoptosis in mammalian cells by NAIP and a related family of IAP genes. <i>Nature</i> , <b>1996</b> , 379, 349-53	50.4	917
57	Multiple Ras-dependent phosphorylation pathways regulate Myc protein stability. <i>Genes and Development</i> , <b>2000</b> , 14, 2501-14	12.6	892
56	The gene for neuronal apoptosis inhibitory protein is partially deleted in individuals with spinal muscular atrophy. <i>Cell</i> , <b>1995</b> , 80, 167-78	56.2	884
55	Chk1 is an essential kinase that is regulated by Atr and required for the G2/M DNA damage checkpoint. <i>Genes and Development</i> , <b>2000</b> , 14, 1448-1459	12.6	769
54	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> , <b>2000</b> , 97, 10389-94	11.5	692
53	DJ-1, a novel oncogene which transforms mouse NIH3T3 cells in cooperation with ras. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 231, 509-13	3.4	633
52	The human homologs of checkpoint kinases Chk1 and Cds1 (Chk2) phosphorylate p53 at multiple DNA damage-inducible sites. <i>Genes and Development</i> , <b>2000</b> , 14, 289-300	12.6	470
51	Identification of XAF1 as an antagonist of XIAP anti-Caspase activity. <i>Nature Cell Biology</i> , <b>2001</b> , 3, 128-33	23.4	346
50	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> , <b>1999</b> , 18, 179-87	13	291
49	NBS1 localizes to gamma-H2AX foci through interaction with the FHA/BRCT domain. <i>Current Biology</i> , <b>2002</b> , 12, 1846-51	6.3	250
48	Elevation of neuronal expression of NAIP reduces ischemic damage in the rat hippocampus. <i>Nature Medicine</i> , <b>1997</b> , 3, 997-1004	50.5	243
47	p53 is phosphorylated by CDK7-cyclin H in a p36MAT1-dependent manner. <i>Molecular and Cellular Biology</i> , <b>1997</b> , 17, 7220-9	4.8	150
46	Immuno-histochemical detection of human telomerase catalytic component, hTERT, in human colorectal tumor and non-tumor tissue sections. <i>Oncogene</i> , <b>1999</b> , 18, 1561-7	9.2	145
45	Phosphorylation of MCM4 by Cdc7 kinase facilitates its interaction with Cdc45 on the chromatin. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 39249-61	5.4	138
44	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> , <b>2002</b> , 277, 28504-11	11.4	129

43	The centrosomal protein Lats2 is a phosphorylation target of Aurora-A kinase. <i>Genes To Cells</i> , <b>2004</b> , 9, 383-97	2.3	125
42	Human Cdc7-related kinase complex. In vitro phosphorylation of MCM by concerted actions of Cdks and Cdc7 and that of a critical threonine residue of Cdc7 by Cdk. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 29042-52	5.4	125
41	Requirement of ATM in phosphorylation of the human p53 protein at serine 15 following DNA double-strand breaks. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 2828-34	4.8	110
40	c-Myb acetylation at the carboxyl-terminal conserved domain by transcriptional co-activator p300. <i>Oncogene</i> , <b>2000</b> , 19, 444-51	9.2	109
39	Structural study of immunoaffinity-purified DNA polymerase alpha-DNA primase complex from calf thymus. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , <b>1988</b> , 950, 263-73		108
38	Over-expression of human DNA polymerase lambda in E. coli and characterization of the recombinant enzyme. <i>Genes To Cells</i> , <b>2002</b> , 7, 639-51	2.3	96
37	Activation of cyclin D1-kinase in murine fibroblasts lacking both p21(Cip1) and p27(Kip1). <i>Oncogene</i> , <b>2002</b> , 21, 8067-74	9.2	65
36	AMY-1, a novel C-MYC binding protein that stimulates transcription activity of C-MYC. <i>Genes To Cells</i> , <b>1998</b> , 3, 549-65	2.3	64
35	Characterization of myotonic dystrophy kinase (DMK) protein in human and rodent muscle and central nervous tissue. <i>Human Molecular Genetics</i> , <b>1995</b> , 4, 1063-72	5.6	60
34	Two functional coding single nucleotide polymorphisms in STK15 (Aurora-A) coordinately increase esophageal cancer risk. <i>Cancer Research</i> , <b>2005</b> , 65, 3548-54	10.1	59
33	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> , <b>1999</b> , 274, 24270-9	5.4	57
32	The inhibitory effect of novel triterpenoid compounds, fomitelic acids, on DNA polymerase beta. <i>Biochemical Journal</i> , <b>1998</b> , 330 ( Pt 3), 1325-32	3.8	54
31	PAP-1, a novel target protein of phosphorylation by pim-1 kinase. <i>FEBS Journal</i> , <b>2000</b> , 267, 5168-78		50
30	Regulation of checkpoint kinases through dynamic interaction with Crb2. <i>EMBO Journal</i> , <b>2004</b> , 23, 418-28		47
29	Pim-1 translocates sorting nexin 6/TRAF4-associated factor 2 from cytoplasm to nucleus. <i>FEBS Letters</i> , <b>2001</b> , 506, 33-8	3.8	41
28	The second-largest subunit of the mouse DNA polymerase alpha-primase complex facilitates both production and nuclear translocation of the catalytic subunit of DNA polymerase alpha. <i>Molecular and Cellular Biology</i> , <b>1998</b> , 18, 3552-62	4.8	39
27	Overexpression of 3' untranslated region of the myotonic dystrophy kinase cDNA inhibits myoblast differentiation in vitro. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 29626-35	5.4	34
26	ORC1 interacts with c-Myc to inhibit E-box-dependent transcription by abrogating c-Myc-SNF5/INI1 interaction. <i>Genes To Cells</i> , <b>2000</b> , 5, 481-90	2.3	34

25	Molecular cloning of a human protein that binds to the retinoblastoma protein and chromosomal mapping. <i>Genomics</i> , <b>1995</b> , 27, 511-9	4.3	31
24	Epstein-Barr virus single-stranded DNA-binding protein: purification, characterization, and action on DNA synthesis by the viral DNA polymerase. <i>Virology</i> , <b>1996</b> , 222, 352-64	3.6	29
23	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> , <b>1992</b> , 183, 809-13	3.4	28
22	Investigation of myotonic dystrophy kinase isoform translocation and membrane association. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 15187-93	5.4	27
21	Terminal deoxynucleotidyltransferase is negatively regulated by direct interaction with proliferating cell nuclear antigen. <i>Genes To Cells</i> , <b>2001</b> , 6, 815-24	2.3	26
20	Assembly of the epstein-barr virus BBLF4, BSLF1 and BBLF2/3 proteins and their interactive properties. <i>Journal of General Virology</i> , <b>1999</b> , 80 ( Pt 11), 2879-2887	4.9	26
19	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> , <b>1995</b> , 85, 147-55	3.5	25
18	Terminal deoxynucleotidyltransferase directly interacts with a novel nuclear protein that is homologous to p65. <i>Genes To Cells</i> , <b>2001</b> , 6, 641-52	2.3	24
17	DNA polymerase lambda directly binds to proliferating cell nuclear antigen through its confined C-terminal region. <i>Genes To Cells</i> , <b>2005</b> , 10, 705-15	2.3	23
16	Different requirements for the association of ATR-ATRIP and 9-1-1 to the stalled replication forks. <i>Gene</i> , <b>2006</b> , 377, 88-95	3.8	20
15	Isolation and characterization of the TIGA genes, whose transcripts are induced by growth arrest. <i>Nucleic Acids Research</i> , <b>2006</b> , 34, 4878-92	20.1	20
14	Amino-terminal domain of ATRIP contributes to intranuclear relocation of the ATR-ATRIP complex following DNA damage. <i>FEBS Letters</i> , <b>2004</b> , 577, 289-93	3.8	19
13	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> , <b>1991</b> , 179, 1175-80	3.4	15
12	Terminal deoxynucleotidyltransferase forms a ternary complex with a novel chromatin remodeling protein with 82 kDa and core histone. <i>Genes To Cells</i> , <b>2003</b> , 8, 559-71	2.3	13
11	Ectopic expression of BEAF32A in the <i>Drosophila</i> eye imaginal disc inhibits differentiation of photoreceptor cells and induces apoptosis. <i>Chromosoma</i> , <b>2001</b> , 110, 313-21	2.8	11
10	Efficient purification of a full length and biochemically active p110Rb, the retinoblastoma gene product. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 187, 697-702	3.4	10
9	Stimulation of DNA polymerase alpha activity by cdk2-phosphorylated Rb protein. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 282, 984-90	3.4	9
8	A novel stimulating protein of mammalian DNA polymerase alpha. <i>Journal of Biochemistry</i> , <b>1989</b> , 106, 389-95	3.1	7

7	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> , <b>2000</b> , 65, 443-9	3.9	7
6	Generation and application of phospho-specific antibodies for p53 and pRB. <i>Methods in Molecular Biology</i> , <b>2003</b> , 223, 17-26	1.4	6
5	Enzyme-linked immunosorbent assay for distinct cyclin-dependent kinase activities using phosphorylation-site-specific anti-pRB monoclonal antibodies. <i>Analytical Biochemistry</i> , <b>2002</b> , 301, 65-74	3.1	5
4	Microtubule bundle formation and cell death induced by the human CLASP/Orbit N-terminal fragment. <i>Cell Structure and Function</i> , <b>2005</b> , 30, 7-13	2.2	5
3	Replication of the rat aldolase B locus differs between aldolase B-expressing and non-expressing cells. <i>FEBS Letters</i> , <b>2001</b> , 505, 332-6	3.8	5
2	Characterization of a Mr = 56,000 polypeptide associated with 10S DNA polymerase alpha purified from calf thymus using monoclonal antibody. <i>Nucleic Acids Research</i> , <b>1985</b> , 13, 6635-49	20.1	4
1	Cdk4-Cyclin D1 and Cdk2-Cyclin E/A Phosphorylate Different Sites in the RB Protein <b>1997</b> , 229-231		1