

# Masatoshi Fujita

## List of Publications by Year in descending order

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79  
papers

4,256  
citations

101543

36  
h-index

114465

63  
g-index

80  
all docs

80  
docs citations

80  
times ranked

4968  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a Novel Phosphorylation Site on Histone H3 Coupled with Mitotic Chromosome Condensation. <i>Journal of Biological Chemistry</i> , 1999, 274, 25543-25549.	3.4	381
2	Two E3 ubiquitin ligases, SCF-Skp2 and DDB1-Cul4, target human Cdt1 for proteolysis. <i>EMBO Journal</i> , 2006, 25, 1126-1136.	7.8	350
3	Latent and lytic Epstein-Barr virus replication strategies. <i>Reviews in Medical Virology</i> , 2005, 15, 3-15.	8.3	194
4	Regulation of Notch1 Gene Expression by p53 in Epithelial Cells. <i>Molecular and Cellular Biology</i> , 2007, 27, 3732-3742.	2.3	169
5	Cdt1 Phosphorylation by Cyclin A-dependent Kinases Negatively Regulates Its Function without Affecting Geminin Binding. <i>Journal of Biological Chemistry</i> , 2004, 279, 19691-19697.	3.4	158
6	Epstein-Barr Virus Lytic Replication Elicits ATM Checkpoint Signal Transduction While Providing an S-phase-like Cellular Environment. <i>Journal of Biological Chemistry</i> , 2005, 280, 8156-8163.	3.4	157
7	Activation of Ataxia Telangiectasia-mutated DNA Damage Checkpoint Signal Transduction Elicited by Herpes Simplex Virus Infection. <i>Journal of Biological Chemistry</i> , 2005, 280, 30336-30341.	3.4	121
8	Specific accumulation of Rho-associated kinase at the cleavage furrow during cytokinesis: cleavage furrow-specific phosphorylation of intermediate filaments. <i>Oncogene</i> , 1999, 18, 2783-2788.	5.9	110
9	Cell Cycle Regulation of Human CDC6 Protein. <i>Journal of Biological Chemistry</i> , 1999, 274, 25927-25932.	3.4	104
10	Deregulation of Cdt1 induces chromosomal damage without rereplication and leads to chromosomal instability. <i>Journal of Cell Science</i> , 2006, 119, 3128-3140.	2.0	102
11	Cdt1 revisited: complex and tight regulation during the cell cycle and consequences of deregulation in mammalian cells. <i>Cell Division</i> , 2006, 1, 22.	2.4	95
12	Oncogenic transformation of human ovarian surface epithelial cells with defined cellular oncogenes. <i>Carcinogenesis</i> , 2009, 30, 423-431.	2.8	95
13	Reactivation of Lytic Replication from B Cells Latently Infected with Epstein-Barr Virus Occurs with High S-Phase Cyclin-Dependent Kinase Activity while Inhibiting Cellular DNA Replication. <i>Journal of Virology</i> , 2003, 77, 851-861.	3.4	91
14	Efficient immortalization of primary human cells by p16INK4a-specific short hairpin RNA or Bmi-1, combined with introduction of hTERT. <i>Cancer Science</i> , 2007, 98, 147-154.	3.9	88
15	Cell Cycle- and Chromatin Binding State-dependent Phosphorylation of Human MCM Heterohexameric Complexes. <i>Journal of Biological Chemistry</i> , 1998, 273, 17095-17101.	3.4	83
16	Cdk2-dependent and -independent Pathways in E2F-mediated S Phase Induction. <i>Journal of Biological Chemistry</i> , 2000, 275, 6337-6345.	3.4	79
17	Histone acetyltransferase Hbo1: Catalytic activity, cellular abundance, and links to primary cancers. <i>Gene</i> , 2009, 436, 108-114.	2.2	79
18	The ORC1 Cycle in Human Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 41535-41540.	3.4	78

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19	In Vivo Interaction of Human MCM Heterohexameric Complexes with Chromatin. <i>Journal of Biological Chemistry</i> , 1997, 272, 10928-10935.	3.4	77
20	Architecture of Replication Compartments Formed during Epstein-Barr Virus Lytic Replication. <i>Journal of Virology</i> , 2005, 79, 3409-3418.	3.4	75
21	hCDC47, a Human Member of the MCM Family. <i>Journal of Biological Chemistry</i> , 1996, 271, 4349-4354.	3.4	73
22	The E1 Protein of Human Papillomavirus Type 16 Is Dispensable for Maintenance Replication of the Viral Genome. <i>Journal of Virology</i> , 2012, 86, 3276-3283.	3.4	72
23	Nuclear Organization of DNA Replication Initiation Proteins in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 10354-10361.	3.4	67
24	Inhibition of S-Phase Cyclin-Dependent Kinase Activity Blocks Expression of Epstein-Barr Virus Immediate-Early and Early Genes, Preventing Viral Lytic Replication. <i>Journal of Virology</i> , 2004, 78, 104-115.	3.4	67
25	E6AP-Dependent Degradation of DLG4/PSD95 by High-Risk Human Papillomavirus Type 18 E6 Protein. <i>Journal of Virology</i> , 2007, 81, 1379-1389.	3.4	63
26	Identification of Novel Human Cdt1-binding Proteins by a Proteomics Approach: Proteolytic Regulation by APC/C <sup>sup</sup> Cdh1 <sup>sup</sup> . <i>Molecular Biology of the Cell</i> , 2008, 19, 1007-1021.	2.1	60
27	Genome-wide analysis of the spatiotemporal regulation of firing and dormant replication origins in human cells. <i>Nucleic Acids Research</i> , 2018, 46, 6683-6696.	14.5	60
28	Cdt1-binding protein GRWD1 is a novel histone-binding protein that facilitates MCM loading through its influence on chromatin architecture. <i>Nucleic Acids Research</i> , 2015, 43, 5898-5911.	14.5	59
29	An <i>in vitro</i> Multistep Carcinogenesis Model for Human Cervical Cancer. <i>Cancer Research</i> , 2008, 68, 5699-5705.	0.9	58
30	DNA Replication Origins and Fork Progression at Mammalian Telomeres. <i>Genes</i> , 2017, 8, 112.	2.4	57
31	Involvement of human ORC and TRF2 in pre-replication complex assembly at telomeres. <i>Genes To Cells</i> , 2008, 13, 1045-1059.	1.2	50
32	Notch1 Repression of the Notch1 Gene Supports the Proliferative Capacity of Normal Human Keratinocytes and Cervical Cancer Cells. <i>Cancer Research</i> , 2010, 70, 4034-4044.	0.9	50
33	Co-expression of human chaperone Hsp70 and Hsc70 or Hsp40 co-factor increases solubility of overexpressed target proteins in insect cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1493, 119-124.	2.4	48
34	Chromatin Remodeler Sucrose Nonfermenting 2 Homolog (SNF2H) Is Recruited onto DNA Replication Origins through Interaction with Cdc10 Protein-dependent Transcript 1 (Cdt1) and Promotes Pre-replication Complex Formation. <i>Journal of Biological Chemistry</i> , 2011, 286, 39200-39210.	3.4	46
35	Noncanonical NOTCH Signaling Limits Self-Renewal of Human Epithelial and Induced Pluripotent Stem Cells through ROCK Activation. <i>Molecular and Cellular Biology</i> , 2013, 33, 4434-4447.	2.3	44
36	GRWD1 negatively regulates p53 via the RPL11-MDM2 pathway and promotes tumorigenesis. <i>EMBO Reports</i> , 2017, 18, 123-137.	4.5	43

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37	CDC6 interaction with ATR regulates activation of a replication checkpoint in higher eukaryotic cells. <i>Journal of Cell Science</i> , 2010, 123, 225-235.	2.0	41
38	Roles of the PDZ-binding motif of HPV 16 E6 protein in oncogenic transformation of human cervical keratinocytes. <i>Cancer Science</i> , 2017, 108, 1303-1309.	3.9	38
39	Immunolocalization of hCDC47 protein in normal and neoplastic human tissues and its relation to growth. , 1997, 74, 180-184.		37
40	Heterocomplex Formation by Arp4 and $\beta$ -Actin Involved in Integrity of the Brg1 Chromatin Remodeling Complex. <i>Journal of Cell Science</i> , 2012, 125, 3870-82.	2.0	37
41	Inhibiting the MCM8 complex selectively sensitizes cancer cells to cisplatin and olaparib. <i>Cancer Science</i> , 2019, 110, 1044-1053.	3.9	31
42	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
43	The Epstein-Barr Virus Pol Catalytic Subunit Physically Interacts with the BBLF4-BSLF1-BBLF2/3 Complex. <i>Journal of Virology</i> , 2000, 74, 2550-2557.	3.4	30
44	Redundant and differential regulation of multiple licensing factors ensures prevention of re-replication in normal human cells. <i>Journal of Cell Science</i> , 2009, 122, 1184-1191.	2.0	29
45	Cell cycle regulation of DNA replication initiation proteins in mammalian cells. <i>Frontiers in Bioscience - Landmark</i> , 1999, 4, d816.	3.0	27
46	In Vivo Dynamics of EBNA1-oriP Interaction during Latent and Lytic Replication of Epstein-Barr Virus. <i>Journal of Biological Chemistry</i> , 2004, 279, 54817-54825.	3.4	26
47	Inhibition of S-Phase Entry of Human Fibroblasts by an Antisense Oligomer against hCDC47. <i>Biochemical and Biophysical Research Communications</i> , 1996, 219, 604-607.	2.1	21
48	cca1 Is Required for Formation of Growth-arrested Confluent Monolayer of Rat 3Y1 Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 18082-18086.	3.4	20
49	A critical role of MYC for transformation of human cells by HPV16 E6E7 and oncogenic HRAS. <i>Carcinogenesis</i> , 2012, 33, 910-917.	2.8	20
50	Cell cycle regulation of DNA replication initiation proteins in mammalian cells. <i>Frontiers in Bioscience - Landmark</i> , 1999, 4, d816-823.	3.0	20
51	GRWD1, a new player among oncogenesis-related ribosomal/nucleolar proteins. <i>Cell Cycle</i> , 2017, 16, 1397-1403.	2.6	18
52	Glutamate-rich WD40 repeat containing 1 regulates ribosomal protein L23 levels via the ubiquitin-proteasome system. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	16
53	Cloning of a cDNA encoding a human homologue of CDC47, a member of the MCM family. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1996, 1307, 31-34.	2.4	15
54	TRF2 recruits ORC through TRFH domain dimerization. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 191-201.	4.1	15

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55	Molecular Mechanism for Chromatin Regulation During MCM Loading in Mammalian Cells. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1042, 61-78.	1.6	13
56	Sensitive detection of fluorescence in western blotting by merging images. <i>PLoS ONE</i> , 2018, 13, e0191532.	2.5	13
57	Specific distribution patterns of hCDC47 expression in cutaneous diseases. <i>Journal of Cutaneous Pathology</i> , 1998, 25, 285-290.	1.3	12
58	Establishment of latrunculin-A resistance in HeLa cells by expression of R183A D184A mutant $\beta$ -actin. <i>Oncogene</i> , 2003, 22, 627-631.	5.9	12
59	Nucleosome assembly and disassembly activity of GRWD1, a novel Cdt1-binding protein that promotes pre-replication complex formation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 2739-2748.	4.1	12
60	SLX4 $\beta$ -XPF mediates DNA damage responses to replication stress induced by DNA $\beta$ -protein interactions. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	12
61	Identification of Immunoglobulin Gene Sequences from a Small Read Number of mRNA-Seq Using Hybridomas. <i>PLoS ONE</i> , 2016, 11, e0165473.	2.5	11
62	DNA damage responses that enhance resilience to replication stress. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6763-6773.	5.4	11
63	ATM regulates Cdt1 stability during the unperturbed S phase to prevent re-replication. <i>Cell Cycle</i> , 2014, 13, 471-481.	2.6	10
64	The inhibitory action of SQDG (sulfoquinovosyl diacylglycerol) from spinach on Cdt1-geminin interaction. <i>Biochimie</i> , 2008, 90, 947-956.	2.6	9
65	A novel anti-microtubule agent with carbazole and benzohydrazide structures suppresses tumor cell growth in vivo. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 1676-1684.	2.4	9
66	GRWD1 directly interacts with p53 and negatively regulates p53 transcriptional activity. <i>Journal of Biochemistry</i> , 2020, 167, 15-24.	1.7	9
67	Coenzyme Q10 as a potent compound that inhibits Cdt1 $\beta$ -geminin interaction. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 203-213.	2.4	8
68	TRF2-mediated ORC recruitment underlies telomere stability upon DNA replication stress. <i>Nucleic Acids Research</i> , 2021, 49, 12234-12251.	14.5	7
69	Rat primary T cells expressing HTLV-I tax gene transduced by a retroviral vector: In vitro and in vivo characterization. , 1996, 68, 102-108.		6
70	A human T lymphotropic virus type I (HTLV-I) long terminal repeat-directed antisense c-myc construct with an Epstein-Barr virus replicon vector inhibits cell growth in a HTLV-I-transformed human T cell line. <i>FEBS Letters</i> , 1993, 322, 15-20.	2.8	5
71	In vivo Retrovirus-mediated Herpes Simplex Virus Thymidine Kinase Gene Therapy Approach for Adult T Cell Leukemia in a Rat Model. <i>Japanese Journal of Cancer Research</i> , 1997, 88, 492-500.	1.7	5
72	An in vitro multistep carcinogenesis model for both HPV-positive and -negative human oral squamous cell carcinomas. <i>American Journal of Cancer Research</i> , 2011, 1, 869-81.	1.4	5

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73	Isolation of a novel cDNA whose corresponding mRNA is accumulated in growth-arrested confluent but not in growing sub-confluent rat 3Y1 cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1997, 1352, 145-150.	2.4	4
74	Identification of candidate molecular targets of the novel antineoplastic antimetabolic NP-10. <i>Scientific Reports</i> , 2019, 9, 16825.	3.3	4
75	Discriminative feature of cells characterizes cell populations of interest by a small subset of genes. <i>PLoS Computational Biology</i> , 2021, 17, e1009579.	3.2	2
76	Preparation of a murine cell line which stably expresses human T lymphotropic virus type I (HTLV-I) env genome products. <i>Gene</i> , 1995, 161, 227-230.	2.2	1
77	Inhibitory action of polyunsaturated fatty acids on Cdt1-geminin interaction. <i>International Journal of Molecular Medicine</i> , 2008, , .	4.0	1
78	Generation of a Monoclonal Antibody for INI1/hSNF5/BAF47. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2014, 33, 49-51.	1.6	0
79	Genome-wide analysis of chromatin structure changes upon MyoD binding in proliferative myoblasts during the cell cycle. <i>Journal of Biochemistry</i> , 2021, 169, 653-661.	1.7	0