

# Hodaka Fujii

## List of Publications by Year in descending order

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79  
papers

2,944  
citations

257450  
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175258  
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92  
all docs

92  
docs citations

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times ranked

3825  
citing authors

#	ARTICLE	IF	CITATIONS
1	A stem cell marker KLF5 regulates CCAT1 via three-dimensional genome structure in colorectal cancer cells. <i>British Journal of Cancer</i> , 2022, 126, 109-119.	6.4	5
2	enChIP-Seq Analyzer: A Software Program to Analyze and Interpret enChIP-Seq Data for the Detection of Physical Interactions between Genomic Regions. <i>Genes</i> , 2022, 13, 472.	2.4	0
3	IL-3-Induced Immediate Expression of c-fos and c-jun Is Modulated by the IKK2-JNK Axis. <i>Cells</i> , 2022, 11, 1451.	4.1	2
4	MSCV-based retroviral plasmids expressing 3xFLAG-Sp-dCas9 for enChIP analysis. <i>Biology Methods and Protocols</i> , 2021, 6, bpab013.	2.2	0
5	Sequence-specific inhibition of reverse transcription by recombinant CRISPR/dCas13a ribonucleoprotein complexes <i>in vitro</i> . <i>Biology Methods and Protocols</i> , 2021, 6, bpab009.	2.2	0
6	Locus-Specific Genomic DNA Purification Using the CRISPR System: Methods and Applications. <i>CRISPR Journal</i> , 2021, 4, 290-300.	2.9	4
7	Protein or ribonucleoprotein-mediated blocking of recombinase polymerase amplification enables the discrimination of nucleotide and epigenetic differences between cell populations. <i>Communications Biology</i> , 2021, 4, 988.	4.4	5
8	pSIR-bsr, a self-inactivating retrovirus vector expressing the blasticidin S-resistance gene. <i>Biology Methods and Protocols</i> , 2021, 6, bpab022.	2.2	0
9	Discrimination of CpG Methylation Status and Nucleotide Differences in Tissue Specimen DNA by Oligoribonucleotide Interference-PCR. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5119.	4.1	2
10	A distal enhancer at risk locus 11q13.5 promotes suppression of colitis by Treg cells. <i>Nature</i> , 2020, 583, 447-452.	27.8	40
11	<scp>SAMHD</scp> 1â€mediated <scp>dNTP</scp> degradation is required for efficient <scp>DNA</scp> repair during antibody class switch recombination. <i>EMBO Journal</i> , 2020, 39, e102931.	7.8	23
12	Simultaneous Detection of the T790M and L858R Mutations in the EGFR Gene by Oligoribonucleotide Interference-PCR. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4020.	4.1	7
13	Purification of specific DNA species using the CRISPR system. <i>Biology Methods and Protocols</i> , 2019, 4, bpz008.	2.2	6
14	Normal B cell development and Pax5 expression in Thy28/ThyN1-deficient mice. <i>PLoS ONE</i> , 2019, 14, e0220199.	2.5	2
15	Target enrichment from a DNA mixture by oligoribonucleotide interference-PCR (ORNi-PCR). <i>Biology Methods and Protocols</i> , 2019, 4, bpz009.	2.2	3
16	Transgenic mouse lines expressing the 3x<scp>FLAG</scp>â€<scp>dC</scp>as9 protein for enCh<scp>IP</scp> analysis. <i>Genes To Cells</i> , 2018, 23, 318-325.	1.2	9
17	enChIP systems using different CRISPR orthologues and epitope tags. <i>BMC Research Notes</i> , 2018, 11, 154.	1.4	11
18	Detection of genome-edited cells by oligoribonucleotide interference-PCR. <i>DNA Research</i> , 2018, 25, 395-407.	3.4	8

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19	Promoter-associated proteins of EPAS1 identified by enChIP-MS “A putative role of HDX as a negative regulator. Biochemical and Biophysical Research Communications, 2018, 499, 291-298.	2.1	10
20	A refined two-step oligoribonucleotide interference-PCR method for precise discrimination of nucleotide differences. Scientific Reports, 2018, 8, 17195.	3.3	9
21	An enChIP system for the analysis of bacterial genome functions. BMC Research Notes, 2018, 11, 387.	1.4	8
22	Identification of physical interactions between genomic regions by enChIP-Seq. Genes To Cells, 2017, 22, 506-520.	1.2	28
23	Locus-specific ChIP combined with NGS analysis reveals genomic regulatory regions that physically interact with the Pax5 promoter in a chicken B cell line. DNA Research, 2017, 24, 537-548.	3.4	13
24	New Directions for Epigenetics: Application of Engineered DNA-Binding Molecules to Locus-Specific Epigenetic Research. , 2017, , 635-652.		2
25	The role of platelet and endothelial GARP in thrombosis and hemostasis. PLoS ONE, 2017, 12, e0173329.	2.5	27
26	In vitro Engineered DNA-binding Molecule-mediated Chromatin Immunoprecipitation (in vitro enChIP) Using CRISPR Ribonucleoproteins in Combination with Next-generation Sequencing (in vitro) Tj ETQq0 0 0 rgBT /Overclock 100f 50 457		
27	Allele-specific locus binding and genome editing by CRISPR at the p16INK4a locus. Scientific Reports, 2016, 6, 30485.	3.3	30
28	Efficient sequence-specific isolation of <scp>DNA</scp> fragments and chromatin by <i>in vitro</i> enChIP<scp>IP</scp> technology using recombinant <scp>CRISPR</scp> ribonucleoproteins. Genes To Cells, 2016, 21, 370-377.	1.2	36
29	Biochemical Analysis of Genome Functions Using Locus-Specific Chromatin Immunoprecipitation Technologies. Gene Regulation and Systems Biology, 2016, 10s1, GRSB.S32520.	2.3	13
30	Isolation of Specific Genomic Regions and Identification of Associated Molecules by enChIP. Journal of Visualized Experiments, 2016, , e53478.	0.3	2
31	Applications of Engineered DNA-Binding Molecules Such as TAL Proteins and the CRISPR/Cas System in Biology Research. International Journal of Molecular Sciences, 2015, 16, 23143-23164.	4.1	11
32	Isolation of Specific Genomic Regions and Identification of Their Associated Molecules by Engineered DNA-Binding Molecule-Mediated Chromatin Immunoprecipitation (enChIP) Using the CRISPR System and TAL Proteins. International Journal of Molecular Sciences, 2015, 16, 21802-21812.	4.1	14
33	Isolation of Specific Genomic Regions and Identification of Associated Molecules by Engineered DNA-Binding Molecule-Mediated Chromatin Immunoprecipitation (enChIP) Using CRISPR. Methods in Molecular Biology, 2015, 1288, 43-52.	0.9	17
34	A Critical Role of the Thy28-MYH9 Axis in B Cell-Specific Expression of the Pax5 Gene in Chicken B Cells. PLoS ONE, 2015, 10, e0116579.	2.5	25
35	Identification of Non-Coding RNAs Associated with Telomeres Using a Combination of enChIP and RNA Sequencing. PLoS ONE, 2015, 10, e0123387.	2.5	33
36	Oligoribonucleotide (ORN) Interference-PCR (ORNi-PCR): A Simple Method for Suppressing PCR Amplification of Specific DNA Sequences Using ORNs. PLoS ONE, 2014, 9, e113345.	2.5	12

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37	Efficient isolation of specific genomic regions retaining molecular interactions by the iChIP system using recombinant exogenous DNA-binding proteins. BMC Molecular Biology, 2014, 15, 26.	3.0	32
38	Identification of Proteins Associated with an IFN $\beta$ -Responsive Promoter by a Retroviral Expression System for enChIP Using CRISPR. PLoS ONE, 2014, 9, e103084.	2.5	45
39	Identification of Proteins Interacting with Genomic Regions of Interest in vivo Using Engineered DNA-binding Molecule-mediated Chromatin Immunoprecipitation (enChIP). Bio-protocol, 2014, 4, .	0.4	8
40	Locus-specific biochemical epigenetics/chromatin biochemistry by insertional chromatin immunoprecipitation (iChIP). Epigenetics and Chromatin, 2013, 6, .	3.9	2
41	Efficient isolation of specific genomic regions and identification of associated proteins by engineered DNA-binding molecule-mediated chromatin immunoprecipitation (enChIP) using CRISPR. Biochemical and Biophysical Research Communications, 2013, 439, 132-136.	2.1	170
42	Identification of telomere-associated molecules by engineered DNA-binding molecule-mediated chromatin immunoprecipitation (enChIP). Scientific Reports, 2013, 3, 3171.	3.3	79
43	GARP $\beta$ TGF- $\beta$ 2 Complexes Negatively Regulate Regulatory T Cell Development and Maintenance of Peripheral CD4+ T Cells In Vivo. Journal of Immunology, 2013, 190, 5057-5064.	0.8	22
44	Regulation of the Expression of GARP/Latent TGF- $\beta$ 1 Complexes on Mouse T Cells and Their Role in Regulatory T Cell and Th17 Differentiation. Journal of Immunology, 2013, 190, 5506-5515.	0.8	83
45	Locus-Specific Biochemical Epigenetics/Chromatin Biochemistry by Insertional Chromatin Immunoprecipitation. , 2013, 2013, 1-8.		20
46	Discovery and characterization of new transcripts from RNA-seq data in mouse CD4+ T cells. Genomics, 2012, 100, 303-313.	2.9	12
47	Apurinic/apyrimidinic endonuclease1/redox factor-1 (Ape1/Ref-1) is essential for IL-21-induced signal transduction through ERK1/2 pathway. Biochemical and Biophysical Research Communications, 2012, 420, 628-634.	2.1	8
48	Transcription start sites and usage of the first exon of mouse Foxp3 gene. Molecular Biology Reports, 2012, 39, 9613-9619.	2.3	7
49	Efficient isolation of specific genomic regions by insertional chromatin immunoprecipitation (iChIP) with a second-generation tagged LexA DNA-binding domain. Advances in Bioscience and Biotechnology (Print), 2012, 03, 626-629.	0.7	26
50	Species-specific 5 $\beta$ 2-genomic structure and multiple transcription start sites in the chicken Pax5 gene. Gene, 2011, 477, 24-31.	2.2	11
51	Direct Identification of Insulator Components by Insertional Chromatin Immunoprecipitation. PLoS ONE, 2011, 6, e26109.	2.5	51
52	Expression of GARP selectively identifies activated human FOXP3+ regulatory T cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13439-13444.	7.1	227
53	Novel reporter cell line to analyze cytokine-mediated expression regulation of c-myc gene. Journal of Bioscience and Bioengineering, 2009, 108, 438-440.	2.2	0
54	Insertional chromatin immunoprecipitation: A method for isolating specific genomic regions. Journal of Bioscience and Bioengineering, 2009, 108, 446-449.	2.2	53

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55	Lack of nuclear translocation of cytoplasmic domains of IL-2/IL-15 receptor subunits. Cytokine, 2009, 46, 302-308.	3.2	0
56	Regulation of Fas-mediated immune homeostasis by an activation-induced protein, Cyclon. Blood, 2009, 114, 1355-1365.	1.4	15
57	Receptor expression is essential for proliferation induced by dimerized Jak kinases. Biochemical and Biophysical Research Communications, 2008, 370, 557-560.	2.1	6
58	Plasmodium Circumsporozoite Protein Promotes the Development of the Liver Stages of the Parasite. Cell, 2008, 133, 375.	28.9	0
59	Cytokine-induced nuclear translocation of signaling proteins and their analysis using the inducible translocation trap system. Cytokine, 2008, 41, 187-197.	3.2	4
60	Identification of a Regulatory T Cell Specific Cell Surface Molecule that Mediates Suppressive Signals and Induces Foxp3 Expression. PLoS ONE, 2008, 3, e2705.	2.5	132
61	Regulation of Cell Proliferation by Interleukin-3-induced Nuclear Translocation of Pyruvate Kinase. Journal of Biological Chemistry, 2007, 282, 17706-17711.	3.4	82
62	Mechanisms of Signal Transduction from Receptors of Type I and Type II Cytokines. Journal of Immunotoxicology, 2007, 4, 69-76.	1.7	10
63	Nuclear translocation of 2-amino-3-ketobutyrate coenzyme A ligase by cold and osmotic stress. Cell Stress and Chaperones, 2007, 12, 186.	2.9	4
64	Cell type-specific roles of Jak3 in IL-2-induced proliferative signal transduction. Biochemical and Biophysical Research Communications, 2007, 354, 825-829.	2.1	6
65	Temporal regulation of Stat5 activity in determination of cell differentiation program. Biochemical and Biophysical Research Communications, 2007, 358, 914-919.	2.1	4
66	Plasmodium Circumsporozoite Protein Promotes the Development of the Liver Stages of the Parasite. Cell, 2007, 131, 492-504.	28.9	187
67	Redundant promoter elements mediate IL-3-induced expression of a novel cytokine-inducible gene,cyclon. FEBS Letters, 2007, 581, 975-980.	2.8	18
68	Regulation of Stat1 protein expression by phenylalanine 172 in the coiled-coil domain. Biochemical and Biophysical Research Communications, 2006, 346, 1062-1066.	2.1	15
69	Inducible Translocation Trap. Molecular Cell, 2004, 15, 153-159.	9.7	20
70	Enforced expression of the Ikaros isoform IK5 decreases the numbers of extrathymic intraepithelial lymphocytes and natural killer 1.1+ T cells. Blood, 2002, 99, 513-519.	1.4	12
71	Defective expression of the interleukin-2/interleukin-15 receptor $\beta^2$ subunit leads to a natural killer cellâ€‘deficient form of severe combined immunodeficiency. Blood, 2001, 98, 877-879.	1.4	96
72	Critical role of the membrane-proximal, proline-rich motif of the interleukin-2 receptor $\beta^3$ chain in the Jak3-independent signal transduction. Genes To Cells, 1999, 4, 363-373.	1.2	11

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73	Protein tyrosine kinase Pyk2 mediates the Jak-dependent activation of MAPK and Stat1 in IFN- $\beta$ , but not IFN- $\alpha$ , signaling. EMBO Journal, 1999, 18, 2480-2488.	7.8	131
74	Functional dissection of the cytoplasmic subregions of the IL-2 receptor beta c chain in primary lymphocyte populations. EMBO Journal, 1998, 17, 6551-6557.	7.8	56
75	Pyk2 is a downstream mediator of the IL-2 receptor-coupled Jak signaling pathway. Genes and Development, 1998, 12, 770-775.	5.9	69
76	Activation of Stat5 by interleukin 2 requires a carboxyl-terminal region of the interleukin 2 receptor beta chain but is not essential for the proliferative signal transmission.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 5482-5486.	7.1	201
77	IL-2 Signaling Involves Recruitment and Activation of Multiple Protein Tyrosine Kinases by the IL-2 Receptor. Annals of the New York Academy of Sciences, 1995, 766, 235-244.	3.8	45
78	Functional activation of Jak1 and Jak3 by selective association with IL-2 receptor subunits. Science, 1994, 266, 1045-1047.	12.6	543
79	Application of TAL Proteins and the CRISPR System to Purification of Specific Genomic Regions for Locus-specific Identification of Chromatin-associated Molecules. , 0, , 195-208.		0