

# Hodaka Fujii

## List of Publications by Year in descending order

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79  
papers

2,944  
citations

257357

24  
h-index

175177

52  
g-index

92  
all docs

92  
docs citations

92  
times ranked

3825  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional activation of Jak1 and Jak3 by selective association with IL-2 receptor subunits. <i>Science</i> , 1994, 266, 1045-1047.	6.0	543
2	Expression of GARP selectively identifies activated human FOXP3+ regulatory T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13439-13444.	3.3	227
3	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.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 5482-5486.	3.3	201
4	Plasmodium Circumsporozoite Protein Promotes the Development of the Liver Stages of the Parasite. <i>Cell</i> , 2007, 131, 492-504.	13.5	187
5	Efficient isolation of specific genomic regions and identification of associated proteins by engineered DNA-binding molecule-mediated chromatin immunoprecipitation (enChIP) using CRISPR. <i>Biochemical and Biophysical Research Communications</i> , 2013, 439, 132-136.	1.0	170
6	Identification of a Regulatory T Cell Specific Cell Surface Molecule that Mediates Suppressive Signals and Induces Foxp3 Expression. <i>PLoS ONE</i> , 2008, 3, e2705.	1.1	132
7	Protein tyrosine kinase Pyk2 mediates the Jak-dependent activation of MAPK and Stat1 in IFN- $\gamma$ , but not IFN- $\beta$ , signaling. <i>EMBO Journal</i> , 1999, 18, 2480-2488.	3.5	131
8	Defective expression of the interleukin-2/interleukin-15 receptor $\beta$ subunit leads to a natural killer cell-deficient form of severe combined immunodeficiency. <i>Blood</i> , 2001, 98, 877-879.	0.6	96
9	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. <i>Journal of Immunology</i> , 2013, 190, 5506-5515.	0.4	83
10	Regulation of Cell Proliferation by Interleukin-3-induced Nuclear Translocation of Pyruvate Kinase. <i>Journal of Biological Chemistry</i> , 2007, 282, 17706-17711.	1.6	82
11	Identification of telomere-associated molecules by engineered DNA-binding molecule-mediated chromatin immunoprecipitation (enChIP). <i>Scientific Reports</i> , 2013, 3, 3171.	1.6	79
12	Pyk2 is a downstream mediator of the IL-2 receptor-coupled Jak signaling pathway. <i>Genes and Development</i> , 1998, 12, 770-775.	2.7	69
13	Functional dissection of the cytoplasmic subregions of the IL-2 receptor beta c chain in primary lymphocyte populations. <i>EMBO Journal</i> , 1998, 17, 6551-6557.	3.5	56
14	Insertional chromatin immunoprecipitation: A method for isolating specific genomic regions. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, 446-449.	1.1	53
15	Direct Identification of Insulator Components by Insertional Chromatin Immunoprecipitation. <i>PLoS ONE</i> , 2011, 6, e26109.	1.1	51
16	IL-2 Signaling Involves Recruitment and Activation of Multiple Protein Tyrosine Kinases by the IL-2 Receptor. <i>Annals of the New York Academy of Sciences</i> , 1995, 766, 235-244.	1.8	45
17	Identification of Proteins Associated with an IFN- $\gamma$ -Responsive Promoter by a Retroviral Expression System for enChIP Using CRISPR. <i>PLoS ONE</i> , 2014, 9, e103084.	1.1	45
18	A distal enhancer at risk locus 11q13.5 promotes suppression of colitis by Treg cells. <i>Nature</i> , 2020, 583, 447-452.	13.7	40

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19	Efficient sequence-specific isolation of DNA fragments and chromatin by <i>in vitro</i> enChIP technology using recombinant CRISPR ribonucleoproteins. <i>Genes To Cells</i> , 2016, 21, 370-377.	0.5	36
20	Identification of Non-Coding RNAs Associated with Telomeres Using a Combination of enChIP and RNA Sequencing. <i>PLoS ONE</i> , 2015, 10, e0123387.	1.1	33
21	Efficient isolation of specific genomic regions retaining molecular interactions by the iChIP system using recombinant exogenous DNA-binding proteins. <i>BMC Molecular Biology</i> , 2014, 15, 26.	3.0	32
22	Allele-specific locus binding and genome editing by CRISPR at the p16INK4a locus. <i>Scientific Reports</i> , 2016, 6, 30485.	1.6	30
23	Identification of physical interactions between genomic regions by enChIP-seq. <i>Genes To Cells</i> , 2017, 22, 506-520.	0.5	28
24	The role of platelet and endothelial GARP in thrombosis and hemostasis. <i>PLoS ONE</i> , 2017, 12, e0173329.	1.1	27
25	Efficient isolation of specific genomic regions by insertional chromatin immunoprecipitation (iChIP) with a second-generation tagged LexA DNA-binding domain. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2012, 03, 626-629.	0.3	26
26	A Critical Role of the Thy28-MYH9 Axis in B Cell-Specific Expression of the Pax5 Gene in Chicken B Cells. <i>PLoS ONE</i> , 2015, 10, e0116579.	1.1	25
27	SAMHD1-mediated dNTP degradation is required for efficient DNA repair during antibody class switch recombination. <i>EMBO Journal</i> , 2020, 39, e102931.	3.5	23
28	GARP-TGF- $\beta$ 2 Complexes Negatively Regulate Regulatory T Cell Development and Maintenance of Peripheral CD4+ T Cells In Vivo. <i>Journal of Immunology</i> , 2013, 190, 5057-5064.	0.4	22
29	Inducible Translocation Trap. <i>Molecular Cell</i> , 2004, 15, 153-159.	4.5	20
30	Locus-Specific Biochemical Epigenetics/Chromatin Biochemistry by Insertional Chromatin Immunoprecipitation. , 2013, 2013, 1-8.		20
31	Redundant promoter elements mediate IL-3-induced expression of a novel cytokine-inducible gene, cyclon. <i>FEBS Letters</i> , 2007, 581, 975-980.	1.3	18
32	Isolation of Specific Genomic Regions and Identification of Associated Molecules by Engineered DNA-Binding Molecule-Mediated Chromatin Immunoprecipitation (enChIP) Using CRISPR. <i>Methods in Molecular Biology</i> , 2015, 1288, 43-52.	0.4	17
33	Regulation of Stat1 protein expression by phenylalanine 172 in the coiled-coil domain. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 1062-1066.	1.0	15
34	Regulation of Fas-mediated immune homeostasis by an activation-induced protein, Cyclon. <i>Blood</i> , 2009, 114, 1355-1365.	0.6	15
35	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. <i>International Journal of Molecular Sciences</i> , 2015, 16, 21802-21812.	1.8	14
36	Biochemical Analysis of Genome Functions Using Locus-Specific Chromatin Immunoprecipitation Technologies. <i>Gene Regulation and Systems Biology</i> , 2016, 10s1, GRSB.S32520.	2.3	13

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37	Locus-specific ChIP combined with NGS analysis reveals genomic regulatory regions that physically interact with the Pax5 promoter in a chicken B cell line. <i>DNA Research</i> , 2017, 24, 537-548.	1.5	13
38	Enforced expression of the Ikaros isoform IK5 decreases the numbers of extrathymic intraepithelial lymphocytes and natural killer 1.1+ T cells. <i>Blood</i> , 2002, 99, 513-519.	0.6	12
39	Discovery and characterization of new transcripts from RNA-seq data in mouse CD4+ T cells. <i>Genomics</i> , 2012, 100, 303-313.	1.3	12
40	Oligoribonucleotide (ORN) Interference-PCR (ORNi-PCR): A Simple Method for Suppressing PCR Amplification of Specific DNA Sequences Using ORNs. <i>PLoS ONE</i> , 2014, 9, e113345.	1.1	12
41	Critical role of the membrane-proximal, proline-rich motif of the interleukin-2 receptor $\beta$ chain in the Jak3-independent signal transduction. <i>Genes To Cells</i> , 1999, 4, 363-373.	0.5	11
42	Species-specific 5'UTR-genomic structure and multiple transcription start sites in the chicken Pax5 gene. <i>Gene</i> , 2011, 477, 24-31.	1.0	11
43	Applications of Engineered DNA-Binding Molecules Such as TAL Proteins and the CRISPR/Cas System in Biology Research. <i>International Journal of Molecular Sciences</i> , 2015, 16, 23143-23164.	1.8	11
44	enChIP systems using different CRISPR orthologues and epitope tags. <i>BMC Research Notes</i> , 2018, 11, 154.	0.6	11
45	Mechanisms of Signal Transduction from Receptors of Type I and Type II Cytokines. <i>Journal of Immunotoxicology</i> , 2007, 4, 69-76.	0.9	10
46	Promoter-associated proteins of EPAS1 identified by enChIP-MS – A putative role of HDX as a negative regulator. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 291-298.	1.0	10
47	Transgenic mouse lines expressing the 3xFLAG-dCas9 protein for enChIP analysis. <i>Genes To Cells</i> , 2018, 23, 318-325.	0.5	9
48	A refined two-step oligoribonucleotide interference-PCR method for precise discrimination of nucleotide differences. <i>Scientific Reports</i> , 2018, 8, 17195.	1.6	9
49	Apurinic/aprimidinic endonuclease1/redox factor-1 (Ape1/Ref-1) is essential for IL-21-induced signal transduction through ERK1/2 pathway. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 628-634.	1.0	8
50	Detection of genome-edited cells by oligoribonucleotide interference-PCR. <i>DNA Research</i> , 2018, 25, 395-407.	1.5	8
51	An enChIP system for the analysis of bacterial genome functions. <i>BMC Research Notes</i> , 2018, 11, 387.	0.6	8
52	Identification of Proteins Interacting with Genomic Regions of Interest in vivo Using Engineered DNA-binding Molecule-mediated Chromatin Immunoprecipitation (enChIP). <i>Bio-protocol</i> , 2014, 4, .	0.2	8
53	Transcription start sites and usage of the first exon of mouse Foxp3 gene. <i>Molecular Biology Reports</i> , 2012, 39, 9613-9619.	1.0	7
54	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.	1.8	7

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55	Cell type-specific roles of Jak3 in IL-2-induced proliferative signal transduction. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 825-829.	1.0	6
56	Receptor expression is essential for proliferation induced by dimerized Jak kinases. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 557-560.	1.0	6
57	Purification of specific DNA species using the CRISPR system. <i>Biology Methods and Protocols</i> , 2019, 4, bpz008.	1.0	6
58	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.	2.0	5
59	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.	2.9	5
60	Nuclear translocation of 2-amino-3-ketobutyrate coenzyme A ligase by cold and osmotic stress. <i>Cell Stress and Chaperones</i> , 2007, 12, 186.	1.2	4
61	Temporal regulation of Stat5 activity in determination of cell differentiation program. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 914-919.	1.0	4
62	Cytokine-induced nuclear translocation of signaling proteins and their analysis using the inducible translocation trap system. <i>Cytokine</i> , 2008, 41, 187-197.	1.4	4
63	Locus-Specific Genomic DNA Purification Using the CRISPR System: Methods and Applications. <i>CRISPR Journal</i> , 2021, 4, 290-300.	1.4	4
64	Target enrichment from a DNA mixture by oligoribonucleotide interference-PCR (ORNi-PCR). <i>Biology Methods and Protocols</i> , 2019, 4, bpz009.	1.0	3
65	Locus-specific biochemical epigenetics/chromatin biochemistry by insertional chromatin immunoprecipitation (iChIP). <i>Epigenetics and Chromatin</i> , 2013, 6, .	1.8	2
66	Isolation of Specific Genomic Regions and Identification of Associated Molecules by enChIP. <i>Journal of Visualized Experiments</i> , 2016, , e53478.	0.2	2
67	New Directions for Epigenetics: Application of Engineered DNA-Binding Molecules to Locus-Specific Epigenetic Research. , 2017, , 635-652.		2
68	Normal B cell development and Pax5 expression in Thy28/ThyN1-deficient mice. <i>PLoS ONE</i> , 2019, 14, e0220199.	1.1	2
69	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.	1.8	2
70	IL-3-Induced Immediate Expression of c-fos and c-jun Is Modulated by the IKK2-JNK Axis. <i>Cells</i> , 2022, 11, 1451.	1.8	2
71	Plasmodium Circumsporozoite Protein Promotes the Development of the Liver Stages of the Parasite. <i>Cell</i> , 2008, 133, 375.	13.5	0
72	Novel reporter cell line to analyze cytokine-mediated expression regulation of c-myc gene. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, 438-440.	1.1	0

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73	Lack of nuclear translocation of cytoplasmic domains of IL-2/IL-15 receptor subunits. <i>Cytokine</i> , 2009, 46, 302-308.	1.4	0
74	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
75	MSCV-based retroviral plasmids expressing 3xFLAG-Sp-dCas9 for enChIP analysis. <i>Biology Methods and Protocols</i> , 2021, 6, bpab013.	1.0	0
76	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.	1.0	0
77	In vitro Engineered DNA-binding Molecule-mediated Chromatin Immunoprecipitation (in vitro enChIP) Using CRISPR Ribonucleoproteins in Combination with Next-generation Sequencing (in vitro) Tj ETQq1 1 0.7843140gBT /Overclock 10	1.0	0
78	pSIR-bsr, a self-inactivating retrovirus vector expressing the blasticidin S-resistance gene. <i>Biology Methods and Protocols</i> , 2021, 6, bpab022.	1.0	0
79	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.	1.0	0