Toshitsugu Fujita

List of Publications by Year
in descending order

59	1,260	361296 20	414303 32
papers	citations	h-index	g-index

65	65	65	1370
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	1.0	170
2	Identification of telomere-associated molecules by engineered DNA-binding molecule-mediated chromatin immunoprecipitation (enChIP). Scientific Reports, 2013, 3, 3171.	1.6	79
3	Axonal guidance protein FEZ1 associates with tubulin and kinesin motor protein to transport mitochondria in neurites of NGF-stimulated PC12 cells. Biochemical and Biophysical Research Communications, 2007, 361, 605-610.	1.0	64
4	Identification of FEZ1 as a Protein That Interacts with JC Virus Agnoprotein and Microtubules. Journal of Biological Chemistry, 2005, 280, 24948-24956.	1.6	62
5	Fasciculation and elongation protein zeta-1 (FEZ1) participates in the polarization of hippocampal neuron by controlling the mitochondrial motility. Biochemical and Biophysical Research Communications, 2007, 353, 127-132.	1.0	59
6	Direct Identification of Insulator Components by Insertional Chromatin Immunoprecipitation. PLoS ONE, 2011, 6, e26109.	1.1	51
7	Identification of Proteins Associated with an IFNÎ³-Responsive Promoter by a Retroviral Expression System for enChIP Using CRISPR. PLoS ONE, 2014, 9, e103084.	1.1	45
8	Splice variants of Enigma homolog, differentially expressed during heart development, promote or prevent hypertrophy. Cardiovascular Research, 2010, 86, 374-382.	1.8	42
9	Up-Regulation of P-TEFb by the MEK1-Extracellular Signal-Regulated Kinase Signaling Pathway Contributes to Stimulated Transcription Elongation of Immediate Early Genes in Neuroendocrine Cells. Molecular and Cellular Biology, 2008, 28, 1630-1643.	1.1	41
10	A distal enhancer at risk locus 11q13.5 promotes suppression of colitis by Treg cells. Nature, 2020, 583, 447-452.	13.7	40
11	Efficient sequenceâ€specific isolation of <scp>DNA</scp> fragments and chromatin by inÂvitro enCh<scp>IP</scp> technology using recombinant <scp>CRISPR</scp> ribonucleoproteins. Genes To Cells, 2016, 21, 370-377.	0.5	36
12	Identification of Non-Coding RNAs Associated with Telomeres Using a Combination of enChIP and RNA Sequencing. PLoS ONE, 2015, 10, e0123387.	1.1	33
13	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
14	Gene-specific recruitment of positive and negative elongation factors during stimulated transcription of the MKP-1 gene in neuroendocrine cells. Nucleic Acids Research, 2007, 35, 1007-1017.	6.5	31
15	Allele-specific locus binding and genome editing by CRISPR at the p16INK4a locus. Scientific Reports, 2016, 6, 30485.	1.6	30
16	Identification of a tissue-non-specific homologue of axonal fasciculation and elongation protein zeta-1. Biochemical and Biophysical Research Communications, 2004, 313, 738-744.	1.0	28
17	Identification of physical interactions between genomic regions by enCh<scp>IP</scp>â€Seq. Genes To Cells, 2017, 22, 506-520.	0.5	28
18	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.	0.3	26

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19	The Rate of c-fos Transcription in Vivo Is Continuously Regulated at the Level of Elongation by Dynamic Stimulus-coupled Recruitment of Positive Transcription Elongation Factor b. Journal of Biological Chemistry, 2007, 282, 5075-5084.	1.6	25
20	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.	1.1	25
21	Negative elongation factor NELF controls transcription of immediate early genes in a stimulus-specific manner. Experimental Cell Research, 2009, 315, 274-284.	1.2	22
22	Locus-Specific Biochemical Epigenetics/Chromatin Biochemistry by Insertional Chromatin Immunoprecipitation. , 2013, 2013, 1-8.		20
23	The transcription elongation factors NELF, DSIF and Pâ€TEFb control constitutive transcription in a geneâ€specific manner. FEBS Letters, 2009, 583, 2893-2898.	1.3	17
24	A functional NF-Î¹B enhancer element in the first intron contributes to the control of c-fos transcription. Gene, 2009, 430, 116-122.	1.0	17
25	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.	0.4	17
26	Functions of Fasciculation and Elongation Protein Zeta-1 (FEZ1) in the Brain. Scientific World Journal, The, 2010, 10, 1646-1654.	0.8	16
27	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.	1.8	14
28	Promoter-proximal pausing of RNA polymerase II: an opportunity to regulate gene transcription. Journal of Receptor and Signal Transduction Research, 2010, 30, 31-42.	1.3	13
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	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.	1.5	13
31	Oligoribonucleotide (ORN) Interference-PCR (ORNi-PCR): A Simple Method for Suppressing PCR Amplification of Specific DNA Sequences Using ORNs. PLoS ONE, 2014, 9, e113345.	1.1	12
32	Species-specific 5â€²-genomic structure and multiple transcription start sites in the chicken Pax5 gene. Gene, 2011, 477, 24-31.	1.0	11
33	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.	1.8	11
34	enChIP systems using different CRISPR orthologues and epitope tags. BMC Research Notes, 2018, 11, 154.	0.6	11
35	Promoter-associated proteins of EPAS1 identified by enChIP-MS â€“ A putative role of HDX as a negative regulator. Biochemical and Biophysical Research Communications, 2018, 499, 291-298.	1.0	10
36	Transgenic mouse lines expressing the 3x<scp>FLAG</scp>â€<scp>dC</scp>as9 protein for enCh<scp>IP</scp> analysis. Genes To Cells, 2018, 23, 318-325.	0.5	9

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37	A refined two-step oligoribonucleotide interference-PCR method for precise discrimination of nucleotide differences. Scientific Reports, 2018, 8, 17195.	1.6	9
38	Detection of genome-edited cells by oligoribonucleotide interference-PCR. DNA Research, 2018, 25, 395-407.	1.5	8
39	An enChIP system for the analysis of bacterial genome functions. BMC Research Notes, 2018, 11, 387.	0.6	8
40	Identification of Proteins Interacting with Genomic Regions of Interest in vivo Using Engineered DNA-binding Molecule-mediated Chromatin Immunoprecipitation (enChIP). Bio-protocol, 2014, 4, .	0.2	8
41	Transcription start sites and usage of the first exon of mouse Foxp3 gene. Molecular Biology Reports, 2012, 39, 9613-9619.	1.0	7
42	Simultaneous Detection of the T790M and L858R Mutations in the EGFR Gene by Oligoribonucleotide Interference-PCR. International Journal of Molecular Sciences, 2019, 20, 4020.	1.8	7
43	Purification of specific DNA species using the CRISPR system. Biology Methods and Protocols, 2019, 4, bpz008.	1.0	6
44	Protein or ribonucleoprotein-mediated blocking of recombinase polymerase amplification enables the discrimination of nucleotide and epigenetic differences between cell populations. Communications Biology, 2021, 4, 988.	2.0	5
45	A stem cell marker KLF5 regulates CCAT1 via three-dimensional genome structure in colorectal cancer cells. British Journal of Cancer, 2022, 126, 109-119.	2.9	5
46	Locus-Specific Genomic DNA Purification Using the CRISPR System: Methods and Applications. CRISPR Journal, 2021, 4, 290-300.	1.4	4
47	Target enrichment from a DNA mixture by oligoribonucleotide interference-PCR (ORNi-PCR). Biology Methods and Protocols, 2019, 4, bpz009.	1.0	3
48	Locus-specific biochemical epigenetics/chromatin biochemistry by insertional chromatin immnoprecipitation (iChIP). Epigenetics and Chromatin, 2013, 6, .	1.8	2
49	Isolation of Specific Genomic Regions and Identification of Associated Molecules by enChIP. Journal of Visualized Experiments, 2016, , e53478.	0.2	2
50	New Directions for Epigenetics: Application of Engineered DNA-Binding Molecules to Locus-Specific Epigenetic Research. , 2017, , 635-652.		2
51	Normal B cell development and Pax5 expression in Thy28/ThyN1-deficient mice. PLoS ONE, 2019, 14, e0220199.	1.1	2
52	Discrimination of CpG Methylation Status and Nucleotide Differences in Tissue Specimen DNA by Oligoribonucleotide Interference-PCR. International Journal of Molecular Sciences, 2020, 21, 5119.	1.8	2
53	IL-3-Induced Immediate Expression of c-fos and c-jun Is Modulated by the IKK2-JNK Axis. Cells, 2022, 11, 1451.	1.8	2
54	Transcription elongation factors are involved in programming hormone production in pituitary neuroendocrine GH4C1 cells. Molecular and Cellular Endocrinology, 2010, 319, 63-70.	1.6	1

#	Article	IF	Citations
55	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
56	MSCV-based retroviral plasmids expressing 3xFLAG-Sp-dCas9 for enChIP analysis. Biology Methods and Protocols, 2021, 6, bpab013.	1.0	0
57	Sequence-specific inhibition of reverse transcription by recombinant CRISPR/dCas13a ribonucleoprotein complexes in vitro. Biology Methods and Protocols, 2021, 6, bpab009.	1.0	0
58	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 /Overlock 10 Tf 50 617		
59	enChIP-Seq Analyzer: A Software Program to Analyze and Interpret enChIP-Seq Data for the Detection of Physical Interactions between Genomic Regions. Genes, 2022, 13, 472.	1.0	0