

Yasuyuki Ohkawa

List of Publications by Year in descending order

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Version: 2024-02-01

188
papers

7,836
citations

61687

45
h-index

78623

77
g-index

216
all docs

216
docs citations

216
times ranked

13157
citing authors

#	ARTICLE	IF	CITATIONS
1	Unusual nucleosome formation and transcriptome influence by the histone H3m18 variant. <i>Nucleic Acids Research</i> , 2022, 50, 72-91.	6.5	7
2	Live imaging of transcription sites using an elongating RNA polymerase II-specific probe. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	22
3	Relayed signaling between mesenchymal progenitors and muscle stem cells ensures adaptive stem cell response to increased mechanical load. <i>Cell Stem Cell</i> , 2022, 29, 265-280.e6.	5.2	36
4	Direct Conversion of Human Endothelial Cells Into Liver Cancer-Forming Cells Using Nonintegrative Episomal Vectors. <i>Hepatology Communications</i> , 2022, 6, 1725-1740.	2.0	2
5	Tenogenic Induction From Induced Pluripotent Stem Cells Unveils the Trajectory Towards Tenocyte Differentiation. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 780038.	1.8	6
6	Uterus-specific transcriptional regulation underlies eggshell pigment production in Japanese quail. <i>PLoS ONE</i> , 2022, 17, e0265008.	1.1	0
7	Uhrf1 governs the proliferation and differentiation of muscle satellite cells. <i>iScience</i> , 2022, 25, 103928.	1.9	4
8	A spinal microglia population involved in remitting and relapsing neuropathic pain. <i>Science</i> , 2022, 376, 86-90.	6.0	98
9	Photo-isolation chemistry for high-resolution and deep spatial transcriptome with mouse tissue sections. <i>STAR Protocols</i> , 2022, 3, 101346.	0.5	3
10	Transcription factor C/EBP β induces genome-wide H3K27ac and upregulates gene expression during decidualization of human endometrial stromal cells. <i>Molecular and Cellular Endocrinology</i> , 2021, 520, 111085.	1.6	14
11	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.	0.9	0
12	Gene expression and functional abnormalities in XX/Sry Leydig cells. <i>Scientific Reports</i> , 2021, 11, 719.	1.6	4
13	H4K20me1 and H3K27me3 are concurrently loaded onto the inactive X chromosome but dispensable for inducing gene silencing. <i>EMBO Reports</i> , 2021, 22, e51989.	2.0	40
14	Chromatin structure-dependent histone incorporation revealed by a genome-wide deposition assay. <i>ELife</i> , 2021, 10, .	2.8	6
15	Totipotency of mouse zygotes extends to single blastomeres of embryos at the four-cell stage. <i>Scientific Reports</i> , 2021, 11, 11167.	1.6	18
16	Integrated Analysis of Transcriptome and Histone Modifications in Granulosa Cells During Ovulation in Female Mice. <i>Endocrinology</i> , 2021, 162, .	1.4	9
17	Hoxa10 mediates positional memory to govern stem cell function in adult skeletal muscle. <i>Science Advances</i> , 2021, 7, .	4.7	21
18	Transcriptome analysis of gene expression changes upon enzymatic dissociation in skeletal myoblasts. <i>Genes To Cells</i> , 2021, 26, 530-540.	0.5	6

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19	High-depth spatial transcriptome analysis by photo-isolation chemistry. <i>Nature Communications</i> , 2021, 12, 4416.	5.8	22
20	Targeted inhibition of EPAS1-driven IL-31 production by a small-molecule compound. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 633-638.	1.5	4
21	An extensive and dynamic trans-omic network illustrating prominent regulatory mechanisms in response to insulin in the liver. <i>Cell Reports</i> , 2021, 36, 109569.	2.9	7
22	Recent advances in single-cell epigenomics. <i>Current Opinion in Structural Biology</i> , 2021, 71, 116-122.	2.6	14
23	Chromatin loading of MCM hexamers is associated with di/tri-methylation of histone H4K20 toward S Φ phase entry. <i>Nucleic Acids Research</i> , 2021, 49, 12152-12166.	6.5	12
24	Neural stem/precursor cells dynamically change their epigenetic landscape to differentially respond to BMP signaling for fate switching during brain development. <i>Genes and Development</i> , 2021, 35, 1431-1444.	2.7	11
25	Modeling population size independent tissue epigenomes by ChIL Φ seq with single thin sections. <i>Molecular Systems Biology</i> , 2021, 17, e10323.	3.2	1
26	Sex differences in metabolic pathways are regulated by Pfkfb3 and Pdk4 expression in rodent muscle. <i>Communications Biology</i> , 2021, 4, 1264.	2.0	6
27	Discriminative feature of cells characterizes cell populations of interest by a small subset of genes. <i>PLoS Computational Biology</i> , 2021, 17, e1009579.	1.5	2
28	High-throughput single-cell epigenomic profiling by targeted insertion of promoters (TIP-seq). <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	19
29	The role of galanin in the differentiation of mucosal mast cells in mice. <i>European Journal of Immunology</i> , 2020, 50, 110-118.	1.6	4
30	Direct reprogramming of human umbilical vein- and peripheral blood-derived endothelial cells into hepatic progenitor cells. <i>Nature Communications</i> , 2020, 11, 5292.	5.8	16
31	Subnuclear gene positioning through lamina association affects copper tolerance. <i>Nature Communications</i> , 2020, 11, 5914.	5.8	37
32	The Dynamics of Transcriptional Activation by Hepatic Reprogramming Factors. <i>Molecular Cell</i> , 2020, 79, 660-676.e8.	4.5	42
33	Chromatin integration labeling for mapping DNA-binding proteins and modifications with low input. <i>Nature Protocols</i> , 2020, 15, 3334-3360.	5.5	12
34	Genome-wide kinetic properties of transcriptional bursting in mouse embryonic stem cells. <i>Science Advances</i> , 2020, 6, eaaz6699.	4.7	66
35	Genomic Profiling by ALaP-Seq Reveals Transcriptional Regulation by PML Bodies through DNMT3A Exclusion. <i>Molecular Cell</i> , 2020, 78, 493-505.e8.	4.5	31
36	Tyrosine kinase inhibitors induce alternative spliced BCR Φ CABL Ins35bp variant via inhibition of RNA polymerase II on genomic BCR Φ CABL. <i>Cancer Science</i> , 2020, 111, 2361-2373.	1.7	3

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37	Biochemical analysis of nucleosome targeting by Tn5 transposase. <i>Open Biology</i> , 2019, 9, 190116.	1.5	14
38	Sequence-Dependent Asymmetric Unwrapping of Nucleosomes of Yeast. <i>Biophysical Journal</i> , 2019, 116, 68a-69a.	0.2	0
39	The Eleanor ncRNAs activate the topological domain of the ESR1 locus to balance against apoptosis. <i>Nature Communications</i> , 2019, 10, 3778.	5.8	28
40	Calcineurin Broadly Regulates the Initiation of Skeletal Muscle-Specific Gene Expression by Binding Target Promoters and Facilitating the Interaction of the SWI/SNF Chromatin Remodeling Enzyme. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	14
41	Cell competition corrects noisy Wnt morphogen gradients to achieve robust patterning in the zebrafish embryo. <i>Nature Communications</i> , 2019, 10, 4710.	5.8	56
42	Dmrt factors determine the positional information of cerebral cortical progenitors via differential suppression of homeobox genes. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	14
43	Regulation of ectopic heterochromatin-mediated epigenetic diversification by the JmjC family protein Epe1. <i>PLoS Genetics</i> , 2019, 15, e1008129.	1.5	23
44	CLEC3A, MMP7, and LCN2 as novel markers for predicting recurrence in resected G1 and G2 pancreatic neuroendocrine tumors. <i>Cancer Medicine</i> , 2019, 8, 3748-3760.	1.3	20
45	Anti-tumour effects of antimicrobial peptides, targets of the innate immune system, against haematopoietic tumours in <i>Drosophila mxc</i> mutants. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	26
46	Macrophage centripetal migration drives spontaneous healing process after spinal cord injury. <i>Science Advances</i> , 2019, 5, eaav5086.	4.7	60
47	miR-124 dosage regulates prefrontal cortex function by dopaminergic modulation. <i>Scientific Reports</i> , 2019, 9, 3445.	1.6	32
48	Transcriptome profiling of refractory atopic keratoconjunctivitis by RNA sequencing. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1610-1614.e6.	1.5	9
49	Cell-autonomous and redundant roles of Hey1 and HeyL in muscle stem cells: HeyL requires Hes1 to bind diverse DNA sites. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	34
50	Locomotor Training Increases Synaptic Structure With High NGL-2 Expression After Spinal Cord Hemisection. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 225-231.	1.4	7
51	Pathological changes of distal motor neurons after complete spinal cord injury. <i>Molecular Brain</i> , 2019, 12, 4.	1.3	34
52	Mouse polycomb group gene Cbx2 promotes osteoblastic but suppresses adipogenic differentiation in postnatal long bones. <i>Bone</i> , 2019, 120, 219-231.	1.4	11
53	A chromatin integration labelling method enables epigenomic profiling with lower input. <i>Nature Cell Biology</i> , 2019, 21, 287-296.	4.6	121
54	Chromatin-bound CRM1 recruits SET-Nup214 and NPM1c onto HOX clusters causing aberrant HOX expression in leukemia cells. <i>ELife</i> , 2019, 8, .	2.8	34

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55	Sustained expression of HeyL is critical for the proliferation of muscle stem cells in overloaded muscle. <i>ELife</i> , 2019, 8, .	2.8	40
56	Ad4BP/SF-1 regulates cholesterol synthesis to boost the production of steroids. <i>Communications Biology</i> , 2018, 1, 18.	2.0	21
57	Histone H3.3 sub-variant H3mm7 is required for normal skeletal muscle regeneration. <i>Nature Communications</i> , 2018, 9, 1400.	5.8	23
58	Identification of <i>miR-305</i> , a microRNA that promotes aging, and its target mRNA in <i>Drosophila</i> . <i>Genes To Cells</i> , 2018, 23, 80-93.	0.5	30
59	Cryo-EM structure of the nucleosome containing the <i>ALB1</i> enhancer DNA sequence. <i>Open Biology</i> , 2018, 8, .	1.5	31
60	Roles of histone H3.5 in human spermatogenesis and spermatogenic disorders. <i>Andrology</i> , 2018, 6, 158-165.	1.9	19
61	Fetal Leydig cells dedifferentiate and serve as adult Leydig stem cells. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	34
62	Prolonged inhibition of hepatocellular carcinoma cell proliferation by combinatorial expression of defined transcription factors. <i>Cancer Science</i> , 2018, 109, 3543-3553.	1.7	33
63	The Autism-Related Protein CHD8 Cooperates with C/EBP β to Regulate Adipogenesis. <i>Cell Reports</i> , 2018, 23, 1988-2000.	2.9	22
64	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.	6.5	60
65	Cancer-associated mutations of histones H2B, H3.1 and H2A.Z.1 affect the structure and stability of the nucleosome. <i>Nucleic Acids Research</i> , 2018, 46, 10007-10018.	6.5	58
66	Direct Reprogramming of Spiral Ganglion Non-neuronal Cells into Neurons: Toward Ameliorating Sensorineural Hearing Loss by Gene Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 16.	1.8	36
67	MNase, as a probe to study the sequence-dependent site exposures in the +1 nucleosomes of yeast. <i>Nucleic Acids Research</i> , 2018, 46, 7124-7137.	6.5	12
68	Sensitive detection of fluorescence in western blotting by merging images. <i>PLoS ONE</i> , 2018, 13, e0191532.	1.1	13
69	Testis-Specific Histone Variant H3t Gene Is Essential for Entry into Spermatogenesis. <i>Cell Reports</i> , 2017, 18, 593-600.	2.9	82
70	Periostin Promotes Scar Formation through the Interaction between Pericytes and Infiltrating Monocytes/Macrophages after Spinal Cord Injury. <i>American Journal of Pathology</i> , 2017, 187, 639-653.	1.9	61
71	Crystal structure of the overlapping dinucleosome composed of hexasome and octasome. <i>Science</i> , 2017, 356, 205-208.	6.0	77
72	Differential lactate and cholesterol synthetic activities in XY and XX Sertoli cells. <i>Scientific Reports</i> , 2017, 7, 41912.	1.6	4

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73	Interaction of reactive astrocytes with type I collagen induces astrocytic scar formation through the integrinâ€N-cadherin pathway after spinal cord injury. <i>Nature Medicine</i> , 2017, 23, 818-828.	15.2	355
74	Evolution of the sperm methylome of primates is associated with retrotransposon insertions and genome instability. <i>Human Molecular Genetics</i> , 2017, 26, 3508-3519.	1.4	16
75	Chd2 regulates chromatin for proper gene expression toward differentiation in mouse embryonic stem cells. <i>Nucleic Acids Research</i> , 2017, 45, 8758-8772.	6.5	31
76	Crystal Structure and Characterization of Novel Human Histone H3 Variants, H3.6, H3.7, and H3.8. <i>Biochemistry</i> , 2017, 56, 2184-2196.	1.2	20
77	Thymine <scp>DNA</scp> glycosylase modulates <scp>DNA</scp> damage response and gene expression by base excision repairâ€dependent and independent mechanisms. <i>Genes To Cells</i> , 2017, 22, 392-405.	0.5	4
78	GWAS of clinically defined gout and subtypes identifies multiple susceptibility loci that include urate transporter genes. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 869-877.	0.5	114
79	Alterations in Fetal Leydig Cell Gene Expression during Fetal and Adult Development. <i>Sexual Development</i> , 2017, 11, 53-63.	1.1	27
80	Temporal regulation of chromatin during myoblast differentiation. <i>Seminars in Cell and Developmental Biology</i> , 2017, 72, 77-86.	2.3	17
81	Persistent detection of alternatively spliced <i><scp>BCR</scp>â€<scp>ABL</scp></i> variant results in a failure to achieve deep molecular response. <i>Cancer Science</i> , 2017, 108, 2204-2212.	1.7	13
82	The requirement of Mettl3-promoted <i>MyoD</i> mRNA maintenance in proliferative myoblasts for skeletal muscle differentiation. <i>Open Biology</i> , 2017, 7, 170119.	1.5	71
83	MPO7-11 ROLES OF HISTONE H3.5 IN HUMAN SPERMATOGENESIS AND SPERMATOGENIC DISORDERS. <i>Journal of Urology</i> , 2017, 197, .	0.2	1
84	The novel heme-dependent inducible protein, SRRD regulates heme biosynthesis and circadian rhythms. <i>Archives of Biochemistry and Biophysics</i> , 2017, 631, 19-29.	1.4	6
85	Ser7 of RNAPII-CTD facilitates heterochromatin formation by linking ncRNA to RNAi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11208-E11217.	3.3	13
86	Histone methyltransferase G9a is a key regulator of the starvation-induced behaviors in <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2017, 7, 14763.	1.6	9
87	Biochemical and immunological characterization of a novel monoclonal antibody against mouse leukotriene B4 receptor 1. <i>PLoS ONE</i> , 2017, 12, e0185133.	1.1	12
88	Role of Ad4-binding protein/steroidogenic factor 1 in regulating NADPH production in adrenocortical Y-1 cells. <i>Endocrine Journal</i> , 2017, 64, 315-324.	0.7	12
89	Control of tissue size and development by a regulatory element in the 3'UTR. <i>American Journal of Cancer Research</i> , 2017, 7, 673-687.	1.4	4
90	LATS2 Positively Regulates Polycomb Repressive Complex 2. <i>PLoS ONE</i> , 2016, 11, e0158562.	1.1	8

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91	Identification of Immunoglobulin Gene Sequences from a Small Read Number of mRNA-Seq Using Hybridomas. <i>PLoS ONE</i> , 2016, 11, e0165473.	1.1	11
92	A One-Step Immunostaining Method to Visualize Rodent Muscle Fiber Type within a Single Specimen. <i>PLoS ONE</i> , 2016, 11, e0166080.	1.1	48
93	Chd5 Regulates MuERV-L/MERVL Expression in Mouse Embryonic Stem Cells Via H3K27me3 Modification and Histone H3.1/H3.2. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 780-792.	1.2	29
94	TLR signals posttranscriptionally regulate the cytokine trafficking mediator sortilin. <i>Scientific Reports</i> , 2016, 6, 26566.	1.6	20
95	Chromatin architecture may dictate the target site for DMC1, but not for RAD51, during homologous pairing. <i>Scientific Reports</i> , 2016, 6, 24228.	1.6	12
96	Structure and function of human histone H3.Y nucleosome. <i>Nucleic Acids Research</i> , 2016, 44, 6127-6141.	6.5	44
97	CHD8 haploinsufficiency results in autistic-like phenotypes in mice. <i>Nature</i> , 2016, 537, 675-679.	13.7	268
98	MRG15 is required for pre-mRNA splicing and spermatogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5408-15.	3.3	60
99	Kupffer cells induce Notch-mediated hepatocyte conversion in a common mouse model of intrahepatic cholangiocarcinoma. <i>Scientific Reports</i> , 2016, 6, 34691.	1.6	24
100	Exploration of nucleosome positioning patterns in transcription factor function. <i>Scientific Reports</i> , 2016, 6, 19620.	1.6	14
101	Histone H4 lysine 20 acetylation is associated with gene repression in human cells. <i>Scientific Reports</i> , 2016, 6, 24318.	1.6	40
102	The feasibility of in vivo imaging of infiltrating blood cells for predicting the functional prognosis after spinal cord injury. <i>Scientific Reports</i> , 2016, 6, 25673.	1.6	10
103	Histone H3.5 forms an unstable nucleosome and accumulates around transcription start sites in human testis. <i>Epigenetics and Chromatin</i> , 2016, 9, 2.	1.8	53
104	Identification of low-abundance proteins in serum via the isolation of HSP72 complexes. <i>Journal of Proteomics</i> , 2016, 136, 214-221.	1.2	6
105	Isolation and Characterization of Fetal Leydig Progenitor Cells of Male Mice. <i>Endocrinology</i> , 2016, 157, 1222-1233.	1.4	43
106	Chromatin-prebound Crm1 recruits Nup98-HoxA9 fusion to induce aberrant expression of Hox cluster genes. <i>ELife</i> , 2016, 5, e09540.	2.8	45
107	The clinical impact of both point mutated and alternatively spliced BCR-ABL in CML patients: result of highly-sensitive, deep sequencing study. <i>Experimental Hematology</i> , 2015, 43, S104.	0.2	0
108	Genomewide identification of target genes of histone methyltransferase d<scp>G</scp>9a during <i><scp>D</scp>rosophila</i> embryogenesis. <i>Genes To Cells</i> , 2015, 20, 902-914.	0.5	12

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109	Tissue-specific expression of histone H3 variants diversified after species separation. <i>Epigenetics and Chromatin</i> , 2015, 8, 35.	1.8	51
110	A cluster of noncoding RNAs activates the ESR1 locus during breast cancer adaptation. <i>Nature Communications</i> , 2015, 6, 6966.	5.8	60
111	agplus: a rapid and flexible tool for aggregation plots. <i>Bioinformatics</i> , 2015, 31, 3046-3047.	1.8	15
112	<i>foxl3</i> is a germ cell-intrinsic factor involved in sperm-egg fate decision in medaka. <i>Science</i> , 2015, 349, 328-331.	6.0	115
113	Engrafted Neural Stem/Progenitor Cells Promote Functional Recovery through Synapse Reorganization with Spared Host Neurons after Spinal Cord Injury. <i>Stem Cell Reports</i> , 2015, 5, 264-277.	2.3	48
114	Incorporation of histone H3.1 suppresses the lineage potential of skeletal muscle. <i>Nucleic Acids Research</i> , 2015, 43, 775-786.	6.5	34
115	MED26 regulates the transcription of snRNA genes through the recruitment of little elongation complex. <i>Nature Communications</i> , 2015, 6, 5941.	5.8	42
116	A Genome-Wide Analysis Identifies a Notch-RBP-IL-7 Axis That Controls IL-17-Producing T Cell Homeostasis in Mice. <i>Journal of Immunology</i> , 2015, 194, 243-251.	0.4	22
117	Spatial re-organization of myogenic regulatory sequences temporally controls gene expression. <i>Nucleic Acids Research</i> , 2015, 43, 2008-2021.	6.5	31
118	Opposing calcium-dependent signalling pathways control skeletal muscle differentiation by regulating a chromatin remodelling enzyme. <i>Nature Communications</i> , 2015, 6, 7441.	5.8	36
119	SWI/SNF chromatin-remodeling complexes function in noncoding RNA-dependent assembly of nuclear bodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4304-4309.	3.3	136
120	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.	6.5	59
121	Histone chaperone CAF-1 mediates repressive histone modifications to protect preimplantation mouse embryos from endogenous retrotransposons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14641-14646.	3.3	68
122	Influence of DNA methylation on positioning and DNA flexibility of nucleosomes with pericentric satellite DNA. <i>Open Biology</i> , 2015, 5, 150128.	1.5	22
123	Distribution of histone H4 modifications as revealed by a panel of specific monoclonal antibodies. <i>Chromosome Research</i> , 2015, 23, 753-766.	1.0	49
124	PSMC5, a 19S Proteasomal ATPase, Regulates Cocaine Action in the Nucleus Accumbens. <i>PLoS ONE</i> , 2015, 10, e0126710.	1.1	7
125	Hsc70 Contributes to Cancer Cell Survival by Preventing Rab1A Degradation under Stress Conditions. <i>PLoS ONE</i> , 2014, 9, e96785.	1.1	34
126	Establishment of Neutralizing Rat Monoclonal Antibodies for Fibroblast Growth Factor-2. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2014, 33, 261-269.	0.8	4

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127	Generation of a Monoclonal Antibody for INI1/hSNF5/BAF47. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2014, 33, 49-51.	0.8	0
128	Interleukin-10-Producing Plasmablasts Exert Regulatory Function in Autoimmune Inflammation. Immunity, 2014, 41, 1040-1051.	6.6	450
129	SraTailor: Graphical user interface software for processing and visualizing ChIP-seq data. Genes To Cells, 2014, 19, 919-926.	0.5	16
130	Production of a Monoclonal Antibody for C/EBP β : The Subnuclear Localization of C/EBP β in Mouse L929 Cells. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2014, 33, 34-37.	0.8	0
131	Acute hyperglycemia impairs functional improvement after spinal cord injury in mice and humans. Science Translational Medicine, 2014, 6, 256ra137.	5.8	68
132	Genome-Wide Analysis of Histone Modifications in Human Endometrial Stromal Cells. Molecular Endocrinology, 2014, 28, 1656-1669.	3.7	72
133	Glycolytic genes are targets of the nuclear receptor Ad4BP/SF-1. Nature Communications, 2014, 5, 3634.	5.8	57
134	Identification of Myelin Transcription Factor 1 (MyT1) as a Subunit of the Neural Cell Type-specific Lysine-specific Demethylase 1 (LSD1) Complex. Journal of Biological Chemistry, 2014, 289, 18152-18162.	1.6	36
135	Heterochromatin Dynamics during the Differentiation Process Revealed by the DNA Methylation Reporter Mouse, MethylRO. Stem Cell Reports, 2014, 3, 216.	2.3	1
136	Regulation of RNA polymerase II activation by histone acetylation in single living cells. Nature, 2014, 516, 272-275.	13.7	237
137	Heterochromatin Dynamics during the Differentiation Process Revealed by the DNA Methylation Reporter Mouse, MethylRO. Stem Cell Reports, 2014, 2, 910-924.	2.3	40
138	The PPAR β Locus Makes Long-Range Chromatin Interactions with Selected Tissue-Specific Gene Loci during Adipocyte Differentiation in a Protein Kinase A Dependent Manner. PLoS ONE, 2014, 9, e86140.	1.1	14
139	Persistence of Abnormally-Spliced, Functionally-Dead BCR-ABL Variants Is a Critical Obstacle to Achieve Sustained Complete Molecular Response in CML Patients: Results of a Quantitative, Highly-Sensitive, Deep Sequencing Study. Blood, 2014, 124, 4525-4525.	0.6	0
140	Wnt signaling regulates left-right axis formation in the node of mouse embryos. Developmental Biology, 2013, 380, 222-232.	0.9	27
141	Ly6C ⁺ Ly6G ⁺ Myeloid-derived suppressor cells play a critical role in the resolution of acute inflammation and the subsequent tissue repair process after spinal cord injury. Journal of Neurochemistry, 2013, 125, 74-88.	2.1	90
142	Epigenetic landscape of hematopoietic lineage commitment can be visualized by analysis of incorporated H3.3 variant. Experimental Hematology, 2013, 41, S8.	0.2	0
143	A Panel of Specific Monoclonal Antibodies Directed Against Various Phosphorylated Histones H3. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2013, 32, 119-124.	0.8	1
144	Human TREX component Thoc5 affects alternative polyadenylation site choice by recruiting mammalian cleavage factor I. Nucleic Acids Research, 2013, 41, 7060-7072.	6.5	57

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145	Therapeutic Activities of Engrafted Neural Stem/Precursor Cells Are Not Dormant in the Chronically Injured Spinal Cord. <i>Stem Cells</i> , 2013, 31, 1535-1547.	1.4	57
146	β -Catenin signaling regulates Foxa2 expression during endometrial hyperplasia formation. <i>Oncogene</i> , 2013, 32, 3477-3482.	2.6	43
147	A co-localization model of paired ChIP-seq data using a large ENCODE data set enables comparison of multiple samples. <i>Nucleic Acids Research</i> , 2013, 41, 54-62.	6.5	8
148	Visualization Of Normal and Malignant Epigenetic Regulation In Hematopoiesis Utilizing Newly-Developed Histone Variant H3.3 Chipseq Analysis. <i>Blood</i> , 2013, 122, 1189-1189.	0.6	0
149	The Impact Of Novel Splicing Abnormalities Of BCR-ABL On The Pathogenesis Of CML. <i>Blood</i> , 2013, 122, 5159-5159.	0.6	0
150	Myeloperoxidase Exacerbates Secondary Injury by Generating Highly Reactive Oxygen Species and Mediating Neutrophil Recruitment in Experimental Spinal Cord Injury. <i>Spine</i> , 2012, 37, 1363-1369.	1.0	69
151	Surf4 modulates STIM1-dependent calcium entry. <i>Biochemical and Biophysical Research Communications</i> , 2012, 422, 615-620.	1.0	37
152	Direct isolation and RNA-seq reveal environment-dependent properties of engrafted neural stem/progenitor cells. <i>Nature Communications</i> , 2012, 3, 1140.	5.8	65
153	Chd2 interacts with H3.3 to determine myogenic cell fate. <i>EMBO Journal</i> , 2012, 31, 2994-3007.	3.5	117
154	Age-related differences in cellular and molecular profiles of inflammatory responses after spinal cord injury. <i>Journal of Cellular Physiology</i> , 2012, 227, 1335-1346.	2.0	48
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