

Haruhiko Koseki

List of Publications by Year in descending order

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350
papers

41,273
citations

2970

93
h-index

2949

189
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367
all docs

367
docs citations

367
times ranked

46094
citing authors

#	ARTICLE	IF	CITATIONS
1	Commensal microbe-derived butyrate induces the differentiation of colonic regulatory T cells. <i>Nature</i> , 2013, 504, 446-450.	13.7	3,901
2	CD1d-Restricted and TCR-Mediated Activation of $V\alpha 14$ NKT Cells by Glycosylceramides. <i>Science</i> , 1997, 278, 1626-1629.	6.0	2,274
3	Control of Developmental Regulators by Polycomb in Human Embryonic Stem Cells. <i>Cell</i> , 2006, 125, 301-313.	13.5	2,059
4	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014, 507, 462-470.	13.7	1,838
5	Requirement for $V\alpha 14$ NKT Cells in IL-12-Mediated Rejection of Tumors. <i>Science</i> , 1997, 278, 1623-1626.	6.0	1,190
6	The SRA protein Np95 mediates epigenetic inheritance by recruiting Dnmt1 to methylated DNA. <i>Nature</i> , 2007, 450, 908-912.	13.7	1,096
7	Genomewide Analysis of PRC1 and PRC2 Occupancy Identifies Two Classes of Bivalent Domains. <i>PLoS Genetics</i> , 2008, 4, e1000242.	1.5	878
8	Polycomb Group Proteins Ring1A/B Link Ubiquitylation of Histone H2A to Heritable Gene Silencing and X Inactivation. <i>Developmental Cell</i> , 2004, 7, 663-676.	3.1	829
9	Variant PRC1 Complex-Dependent H2A Ubiquitylation Drives PRC2 Recruitment and Polycomb Domain Formation. <i>Cell</i> , 2014, 157, 1445-1459.	13.5	613
10	Ring1-mediated ubiquitination of H2A restrains poised RNA polymerase II at bivalent genes in mouse ES cells. <i>Nature Cell Biology</i> , 2007, 9, 1428-1435.	4.6	584
11	Transcribed enhancers lead waves of coordinated transcription in transitioning mammalian cells. <i>Science</i> , 2015, 347, 1010-1014.	6.0	517
12	Enhanced Self-Renewal of Hematopoietic Stem Cells Mediated by the Polycomb Gene Product Bmi-1. <i>Immunity</i> , 2004, 21, 843-851.	6.6	486
13	Natural killer-like nonspecific tumor cell lysis mediated by specific ligand-activated $V\alpha 14$ NKT cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 5690-5693.	3.3	443
14	Polycomb Limits the Neurogenic Competence of Neural Precursor Cells to Promote Astrogenic Fate Transition. <i>Neuron</i> , 2009, 63, 600-613.	3.8	420
15	KDM2B links the Polycomb Repressive Complex 1 (PRC1) to recognition of CpG islands. <i>ELife</i> , 2012, 1, e00205.	2.8	414
16	Pax genes and organogenesis. <i>BioEssays</i> , 1997, 19, 755-765.	1.2	360
17	Recruitment of PRC1 function at the initiation of X inactivation independent of PRC2 and silencing. <i>EMBO Journal</i> , 2006, 25, 3110-3122.	3.5	353
18	Disruption of the Bcl6 Gene Results in an Impaired Germinal Center Formation. <i>Journal of Experimental Medicine</i> , 1997, 186, 439-448.	4.2	336

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19	Polycomb repressive complex PRC1 spatially constrains the mouse embryonic stem cell genome. <i>Nature Genetics</i> , 2015, 47, 1179-1186.	9.4	330
20	Generation of Rejuvenated Antigen-Specific T Cells by Reprogramming to Pluripotency and Redifferentiation. <i>Cell Stem Cell</i> , 2013, 12, 114-126.	5.2	327
21	Mouse model of Prinzmetal angina by disruption of the inward rectifier Kir6.1. <i>Nature Medicine</i> , 2002, 8, 466-472.	15.2	306
22	Uhrf1-dependent H3K23 ubiquitylation couples maintenance DNA methylation and replication. <i>Nature</i> , 2013, 502, 249-253.	13.7	305
23	Mesp2: a novel mouse gene expressed in the presegmented mesoderm and essential for segmentation initiation. <i>Genes and Development</i> , 1997, 11, 1827-1839.	2.7	300
24	The adaptor protein CARD9 is essential for the activation of myeloid cells through ITAM-associated and Toll-like receptors. <i>Nature Immunology</i> , 2007, 8, 619-629.	7.0	300
25	PRC1 and Suv39h specify parental asymmetry at constitutive heterochromatin in early mouse embryos. <i>Nature Genetics</i> , 2008, 40, 411-420.	9.4	291
26	Targeting Polycomb to Pericentric Heterochromatin in Embryonic Stem Cells Reveals a Role for H2AK119u1 in PRC2 Recruitment. <i>Cell Reports</i> , 2014, 7, 1456-1470.	2.9	283
27	UHRF1 targets DNMT1 for DNA methylation through cooperative binding of hemi-methylated DNA and methylated H3K9. <i>Nature Communications</i> , 2013, 4, 1563.	5.8	275
28	Selective ablation of basophils in mice reveals their nonredundant role in acquired immunity against ticks. <i>Journal of Clinical Investigation</i> , 2010, 120, 2867-2875.	3.9	272
29	SAM Domain Polymerization Links Subnuclear Clustering of PRC1 to Gene Silencing. <i>Developmental Cell</i> , 2013, 26, 565-577.	3.1	271
30	Deep transcriptome profiling of mammalian stem cells supports a regulatory role for retrotransposons in pluripotency maintenance. <i>Nature Genetics</i> , 2014, 46, 558-566.	9.4	271
31	Regeneration of Human Tumor Antigen-Specific T Cells from iPSCs Derived from Mature CD8 + T Cells. <i>Cell Stem Cell</i> , 2013, 12, 31-36.	5.2	270
32	Characterization and Developmental Expression of Pax9, a Paired-Box-Containing Gene Related to Pax1. <i>Developmental Biology</i> , 1995, 170, 701-716.	0.9	266
33	Polycomb group proteins Ring1A/B are functionally linked to the core transcriptional regulatory circuitry to maintain ES cell identity. <i>Development (Cambridge)</i> , 2008, 135, 1513-1524.	1.2	265
34	The Polycomb Protein Ezh2 Regulates Differentiation and Plasticity of CD4+ T Helper Type 1 and Type 2 Cells. <i>Immunity</i> , 2013, 39, 819-832.	6.6	260
35	The Zinc Transporter SLC39A13/ZIP13 Is Required for Connective Tissue Development; Its Involvement in BMP/TGF- β Signaling Pathways. <i>PLoS ONE</i> , 2008, 3, e3642.	1.1	240
36	Histone H2A Mono-Ubiquitination Is a Crucial Step to Mediate PRC1-Dependent Repression of Developmental Genes to Maintain ES Cell Identity. <i>PLoS Genetics</i> , 2012, 8, e1002774.	1.5	233

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37	PCGF3/5â€“PRC1 initiates Polycomb recruitment in X chromosome inactivation. <i>Science</i> , 2017, 356, 1081-1084.	6.0	220
38	Dynamic Reprogramming of DNA Methylation at an Epigenetically Sensitive Allele in Mice. <i>PLoS Genetics</i> , 2006, 2, e49.	1.5	218
39	Prolonged Mek1/2 suppression impairs the developmental potential of embryonic stem cells. <i>Nature</i> , 2017, 548, 219-223.	13.7	211
40	Synergy between Variant PRC1 Complexes Defines Polycomb-Mediated Gene Repression. <i>Molecular Cell</i> , 2019, 74, 1020-1036.e8.	4.5	200
41	Dependency on the polycomb gene <i>Ezh2</i> distinguishes fetal from adult hematopoietic stem cells. <i>Blood</i> , 2011, 118, 6553-6561.	0.6	198
42	<i>Mesp2</i> initiates somite segmentation through the Notch signalling pathway. <i>Nature Genetics</i> , 2000, 25, 390-396.	9.4	197
43	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017, 4, 170112.	2.4	195
44	Angiotensin-related growth factor antagonizes obesity and insulin resistance. <i>Nature Medicine</i> , 2005, 11, 400-408.	15.2	194
45	Repression of the Transcription Factor <i>Bach2</i> Contributes to Predisposition of IgG1 Memory B Cells toward Plasma Cell Differentiation. <i>Immunity</i> , 2013, 39, 136-147.	6.6	187
46	Targeted disruption of <i>Traf5</i> gene causes defects in CD40- and CD27-mediated lymphocyte activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 9803-9808.	3.3	183
47	Development and Function of Invariant Natural Killer T Cells Producing TH2- and TH17-Cytokines. <i>PLoS Biology</i> , 2012, 10, e1001255.	2.6	180
48	Bypass of senescence by the polycomb group protein <i>CBX8</i> through direct binding to the <i>INK4A-ARF</i> locus. <i>EMBO Journal</i> , 2007, 26, 1637-1648.	3.5	175
49	<i>SF3B1</i> haploinsufficiency leads to formation of ring sideroblasts in myelodysplastic syndromes. <i>Blood</i> , 2012, 120, 3173-3186.	0.6	173
50	The <i>Hbo1-Brd1/Brpf2</i> complex is responsible for global acetylation of H3K14 and required for fetal liver erythropoiesis. <i>Blood</i> , 2011, 118, 2443-2453.	0.6	168
51	Involvement of decidual α 14 NKT cells in abortion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 740-744.	3.3	167
52	H2A.Z landscapes and dual modifications in pluripotent and multipotent stem cells underlie complex genome regulatory functions. <i>Genome Biology</i> , 2012, 13, R85.	13.9	166
53	ESCs Require PRC2 to Direct the Successful Reprogramming of Differentiated Cells toward Pluripotency. <i>Cell Stem Cell</i> , 2010, 6, 547-556.	5.2	162
54	Concurrent loss of <i>Ezh2</i> and <i>Tet2</i> cooperates in the pathogenesis of myelodysplastic disorders. <i>Journal of Experimental Medicine</i> , 2013, 210, 2627-2639.	4.2	162

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55	Ezh2 augments leukemogenicity by reinforcing differentiation blockage in acute myeloid leukemia. <i>Blood</i> , 2012, 120, 1107-1117.	0.6	161
56	Novel regulation of MHC class II function in B cells. <i>EMBO Journal</i> , 2007, 26, 846-854.	3.5	158
57	Senescence Marker Protein-30 Knockout Mouse Liver Is Highly Susceptible to Tumor Necrosis Factor- α - and Fas-Mediated Apoptosis. <i>American Journal of Pathology</i> , 2002, 161, 1273-1281.	1.9	156
58	CBX8, a Polycomb Group Protein, Is Essential for MLL-AF9-Induced Leukemogenesis. <i>Cancer Cell</i> , 2011, 20, 563-575.	7.7	156
59	Inhibition of T Helper Cell Type 2 Cell Differentiation and Immunoglobulin E Response by Ligand-Activated V α 14 Natural Killer T Cells. <i>Journal of Experimental Medicine</i> , 1999, 190, 783-792.	4.2	153
60	Dilated Cardiomyopathy Caused by Aberrant Endoplasmic Reticulum Quality Control in Mutant KDEL Receptor Transgenic Mice. <i>Molecular and Cellular Biology</i> , 2004, 24, 8007-8017.	1.1	152
61	The epigenetic regulator Uhrf1 facilitates the proliferation and maturation of colonic regulatory T cells. <i>Nature Immunology</i> , 2014, 15, 571-579.	7.0	147
62	The Zinc Transporter SLC39A14/ZIP14 Controls G-Protein Coupled Receptor-Mediated Signaling Required for Systemic Growth. <i>PLoS ONE</i> , 2011, 6, e18059.	1.1	147
63	Cooperative B7-1/2 (CD80/CD86) and B7-DC Costimulation of CD4+ T Cells Independent of the PD-1 Receptor. <i>Journal of Experimental Medicine</i> , 2003, 198, 31-38.	4.2	144
64	Ezh2 loss promotes development of myelodysplastic syndrome but attenuates its predisposition to leukaemic transformation. <i>Nature Communications</i> , 2014, 5, 4177.	5.8	143
65	Generation of Cloned Mice by Direct Nuclear Transfer from Natural Killer T Cells. <i>Current Biology</i> , 2005, 15, 1114-1118.	1.8	142
66	In vivo costimulatory role of B7-DC in tuning T helper cell 1 and cytotoxic T lymphocyte responses. <i>Journal of Experimental Medicine</i> , 2005, 201, 1531-1541.	4.2	140
67	PRC2.1 and PRC2.2 Synergize to Coordinate H3K27 Trimethylation. <i>Molecular Cell</i> , 2019, 76, 437-452.e6.	4.5	137
68	The KDEL receptor mediates a retrieval mechanism that contributes to quality control at the endoplasmic reticulum. <i>EMBO Journal</i> , 2001, 20, 3082-3091.	3.5	135
69	Mammalian Polyhomeotic Homologues Phc2 and Phc1 Act in Synergy To Mediate Polycomb Repression of Hox Genes. <i>Molecular and Cellular Biology</i> , 2005, 25, 6694-6706.	1.1	133
70	Extrathymic development of V alpha 14-positive T cells.. <i>Journal of Experimental Medicine</i> , 1993, 177, 1399-1408.	4.2	132
71	Roles of HIPK1 and HIPK2 in AML1- and p300-dependent transcription, hematopoiesis and blood vessel formation. <i>EMBO Journal</i> , 2006, 25, 3955-3965.	3.5	124
72	Type II membrane protein CD69 regulates the formation of resting T-helper memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7409-7414.	3.3	121

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73	A Family of Vertebrate-Specific Polycombs Encoded by the LCOR/LCORL Genes Balance PRC2 Subtype Activities. <i>Molecular Cell</i> , 2018, 70, 408-421.e8.	4.5	121
74	A Phosphorylated Form of Mel-18 Targets the Ring1B Histone H2A Ubiquitin Ligase to Chromatin. <i>Molecular Cell</i> , 2007, 28, 107-120.	4.5	118
75	Opposing roles of polycomb repressive complexes in hematopoietic stem and progenitor cells. <i>Blood</i> , 2010, 116, 731-739.	0.6	117
76	The Role of mel-18, a Mammalian Polycomb Group Gene, during IL-7-Dependent Proliferation of Lymphocyte Precursors. <i>Immunity</i> , 1997, 7, 135-146.	6.6	112
77	A novel pathogenesis of megacolon in Ncx/Hox11L.1 deficient mice.. <i>Journal of Clinical Investigation</i> , 1997, 100, 795-801.	3.9	109
78	Homogenous junctional sequence of the V14+ T-cell antigen receptor alpha chain expanded in unprimed mice.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 5248-5252.	3.3	108
79	Regulation of Th2 Cell Differentiation by mel-18, a Mammalian Polycomb Group Gene. <i>Immunity</i> , 2001, 15, 275-287.	6.6	107
80	S phase-dependent interaction with DNMT1 dictates the role of UHRF1 but not UHRF2 in DNA methylation maintenance. <i>Cell Research</i> , 2011, 21, 1723-1739.	5.7	107
81	Zinc transporter SLC39A10/ZIP10 facilitates antiapoptotic signaling during early B-cell development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11780-11785.	3.3	107
82	DNA polymerase β contributes to the generation of C/G mutations during somatic hypermutation of Ig genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13986-13991.	3.3	106
83	PRC1 Fine-tunes Gene Repression and Activation to Safeguard Skin Development and Stem Cell Specification. <i>Cell Stem Cell</i> , 2018, 22, 726-739.e7.	5.2	106
84	Pax-1, a regulator of sclerotome development is induced by notochord and floor plate signals in avian embryos. <i>Anatomy and Embryology</i> , 1995, 191, 297-310.	1.5	105
85	FGF9 monomer-dimer equilibrium regulates extracellular matrix affinity and tissue diffusion. <i>Nature Genetics</i> , 2009, 41, 289-298.	9.4	104
86	Nucleotide-sugar transporter SLC35D1 is critical to chondroitin sulfate synthesis in cartilage and skeletal development in mouse and human. <i>Nature Medicine</i> , 2007, 13, 1363-1367.	15.2	103
87	Zinc transporter SLC39A10/ZIP10 controls humoral immunity by modulating B-cell receptor signal strength. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11786-11791.	3.3	103
88	Expression of Avian Pax1 and Pax9 Is Intrinsically Regulated in the Pharyngeal Endoderm, but Depends on Environmental Influences in the Paraxial Mesoderm. <i>Developmental Biology</i> , 1996, 178, 403-417.	0.9	102
89	Mammalian Polycomb-mediated repression of Hox genes requires the essential spliceosomal protein Sfrsb1. <i>Genes and Development</i> , 2005, 19, 536-541.	2.7	102
90	Overlapping Roles for Homeodomain-Interacting Protein Kinases Hipk1 and Hipk2 in the Mediation of Cell Growth in Response to Morphogenetic and Genotoxic Signals. <i>Molecular and Cellular Biology</i> , 2006, 26, 2758-2771.	1.1	102

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91	The Generation of Mature, Single-Positive Thymocytes In Vivo Is Dysregulated by CD69 Blockade or Overexpression. <i>Journal of Immunology</i> , 2002, 168, 87-94.	0.4	101
92	Growth retardation and skin abnormalities of the Recql4-deficient mouse. <i>Human Molecular Genetics</i> , 2003, 12, 2293-2299.	1.4	101
93	Ezh2 is required for neural crest-derived cartilage and bone formation. <i>Development (Cambridge)</i> , 2014, 141, 867-877.	1.2	101
94	Dominant expression of a distinctive V14+ T-cell antigen receptor alpha chain in mice.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 7518-7522.	3.3	99
95	Model mice for tissue-specific deletion of the manganese superoxide dismutase (MnSOD) gene. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 729-736.	1.0	99
96	PCGF6-PRC1 suppresses premature differentiation of mouse embryonic stem cells by regulating germ cell-related genes. <i>ELife</i> , 2017, 6, .	2.8	99
97	Polycomb Complex PRC1 Preserves Intestinal Stem Cell Identity by Sustaining Wnt/ β -Catenin Transcriptional Activity. <i>Cell Stem Cell</i> , 2016, 18, 91-103.	5.2	97
98	Membrane-bound human SCF/KL promotes in vivo human hematopoietic engraftment and myeloid differentiation. <i>Blood</i> , 2012, 119, 2768-2777.	0.6	96
99	Polycomb Potentiates Meis2 Activation in Midbrain by Mediating Interaction of the Promoter with a Tissue-Specific Enhancer. <i>Developmental Cell</i> , 2014, 28, 94-101.	3.1	96
100	Essential requirement of an invariant V alpha 14 T cell antigen receptor expression in the development of natural killer T cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 11025-11028.	3.3	95
101	Notochord-Dependent Expression of MFH1 and PAX1 Cooperates to Maintain the Proliferation of Sclerotome Cells during the Vertebral Column Development. <i>Developmental Biology</i> , 1999, 210, 15-29.	0.9	95
102	Role of UHRF1 in de novo DNA methylation in oocytes and maintenance methylation in preimplantation embryos. <i>PLoS Genetics</i> , 2017, 13, e1007042.	1.5	95
103	Enhancers are activated by p300/CBP activity-dependent PIC assembly, RNAPII recruitment, and pause release. <i>Molecular Cell</i> , 2021, 81, 2166-2182.e6.	4.5	94
104	Regeneration of CD8 α β T Cells from T-cell-Derived iPSC Imparts Potent Tumor Antigen-Specific Cytotoxicity. <i>Cancer Research</i> , 2016, 76, 6839-6850.	0.4	93
105	The Importance of Disinfection Therapy Using Povidone-Iodine Solution in Atopic Dermatitis. <i>Dermatology</i> , 2002, 204, 63-69.	0.9	91
106	Targeted Disruption of Dermatotontin Causes Abnormal Collagen Fibrillogenesis. <i>Journal of Investigative Dermatology</i> , 2002, 119, 678-683.	0.3	91
107	The KDEL Receptor Modulates the Endoplasmic Reticulum Stress Response through Mitogen-activated Protein Kinase Signaling Cascades. <i>Journal of Biological Chemistry</i> , 2003, 278, 34525-34532.	1.6	91
108	A polycomb group protein, PHF1, is involved in the response to DNA double-strand breaks in human cell. <i>Nucleic Acids Research</i> , 2008, 36, 2939-2947.	6.5	89

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109	<i>Sall4</i> Is Essential for Stabilization, But Not for Pluripotency, of Embryonic Stem Cells by Repressing Aberrant Trophectoderm Gene Expression. <i>Stem Cells</i> , 2009, 27, 796-805.	1.4	89
110	Role of SOX17 in hematopoietic development from human embryonic stem cells. <i>Blood</i> , 2013, 121, 447-458.	0.6	87
111	Inactivation of the Polycomb Group Protein Ring1B Unveils an Antiproliferative Role in Hematopoietic Cell Expansion and Cooperation with Tumorigenesis Associated with <i>Ink4a</i> Deletion. <i>Molecular and Cellular Biology</i> , 2008, 28, 1018-1028.	1.1	86
112	The SET1 Complex Selects Actively Transcribed Target Genes via Multivalent Interaction with CpG Island Chromatin. <i>Cell Reports</i> , 2017, 20, 2313-2327.	2.9	86
113	Polycomblike 2 facilitates the recruitment of PRC2 Polycomb group complexes to the inactive X chromosome and to target loci in embryonic stem cells. <i>Development (Cambridge)</i> , 2011, 138, 1471-1482.	1.2	85
114	Involvement of the Polycomb-group gene <i>Ring1B</i> in the specification of the anterior-posterior axis in mice. <i>Development (Cambridge)</i> , 2002, 129, 4171-4183.	1.2	85
115	RYBP Represses Endogenous Retroviruses and Preimplantation- and Germ Line-Specific Genes in Mouse Embryonic Stem Cells. <i>Molecular and Cellular Biology</i> , 2012, 32, 1139-1149.	1.1	84
116	Functional analysis of AEBP2, a PRC2 Polycomb protein, reveals a Trithorax phenotype in embryonic development and in ES cells. <i>Development (Cambridge)</i> , 2016, 143, 2716-23.	1.2	84
117	Mouse Homologue of <i>coq7/clk-1</i> , Longevity Gene in <i>Caenorhabditis elegans</i> , Is Essential for Coenzyme Q Synthesis, Maintenance of Mitochondrial Integrity, and Neurogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 463-471.	1.0	82
118	Cell-autonomous involvement of <i>Mab21l1</i> is essential for lens placode development. <i>Development (Cambridge)</i> , 2003, 130, 1759-1770.	1.2	82
119	Zinc Transporter SLC39A7/ZIP7 Promotes Intestinal Epithelial Self-Renewal by Resolving ER Stress. <i>PLoS Genetics</i> , 2016, 12, e1006349.	1.5	80
120	Polycomb proteins control proliferation and transformation independently of cell cycle checkpoints by regulating DNA replication. <i>Nature Communications</i> , 2014, 5, 3649.	5.8	79
121	<i>Bmi1</i> is a MYCN target gene that regulates tumorigenesis through repression of <i>KIF1B</i> and <i>TSLC1</i> in neuroblastoma. <i>Oncogene</i> , 2010, 29, 2681-2690.	2.6	77
122	Activation of Endogenous Retroviruses in <i>Dnmt1</i> ESCs Involves Disruption of SETDB1-Mediated Repression by NP95 Binding to Hemimethylated DNA. <i>Cell Stem Cell</i> , 2016, 19, 81-94.	5.2	77
123	H2AK119ub1 guides maternal inheritance and zygotic deposition of H3K27me3 in mouse embryos. <i>Nature Genetics</i> , 2021, 53, 539-550.	9.4	77
124	<i>Zic1</i> regulates the patterning of vertebral arches in cooperation with <i>Gli3</i> . <i>Mechanisms of Development</i> , 1999, 89, 141-150.	1.7	76
125	Forkhead transcription factor <i>Foxf2</i> (LUN)-deficient mice exhibit abnormal development of secondary palate. <i>Developmental Biology</i> , 2003, 259, 83-94.	0.9	75
126	<i>Noc2</i> is essential in normal regulation of exocytosis in endocrine and exocrine cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8313-8318.	3.3	75

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127	Positive selection of invariant V alpha 14+ T cells by non-major histocompatibility complex-encoded class I-like molecules expressed on bone marrow-derived cells.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 1200-1204.	3.3	74
128	Construction of an open-access database that integrates cross-reference information from the transcriptome and proteome of immune cells. Bioinformatics, 2007, 23, 2934-2941.	1.8	74
129	CCN3 Inhibits Neointimal Hyperplasia Through Modulation of Smooth Muscle Cell Growth and Migration. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 675-682.	1.1	74
130	Cell Cycle-Dependent Turnover of 5-Hydroxymethyl Cytosine in Mouse Embryonic Stem Cells. PLoS ONE, 2013, 8, e82961.	1.1	73
131	HP1 links histone methylation marks to meiotic synapsis in mice. Development (Cambridge), 2011, 138, 4207-4217.	1.2	71
132	CRTAM Confers Late-Stage Activation of CD8+ T Cells to Regulate Retention within Lymph Node. Journal of Immunology, 2009, 183, 4220-4228.	0.4	70
133	An epigenetic switch is crucial for spermatogonia to exit the undifferentiated state toward a Kit-positive identity. Development (Cambridge), 2013, 140, 3565-3576.	1.2	70
134	Ash11 Methylates Lys36 of Histone H3 Independently of Transcriptional Elongation to Counteract Polycomb Silencing. PLoS Genetics, 2013, 9, e1003897.	1.5	69
135	Mammalian Polycomb-Like Pcl2/Mtf2 Is a Novel Regulatory Component of PRC2 That Can Differentially Modulate Polycomb Activity both at the Hox Gene Cluster and at Cdkn2a Genes. Molecular and Cellular Biology, 2011, 31, 351-364.	1.1	68
136	Deficiency of the macrophage migration inhibitory factor gene has no significant effect on endotoxaemia. Immunology, 2000, 100, 84-90.	2.0	67
137	Requirement for Mab21l2 during development of murine retina and ventral body wall. Developmental Biology, 2004, 274, 295-307.	0.9	67
138	Ubiquitination-Independent Repression of PRC1 Targets during Neuronal Fate Restriction in the Developing Mouse Neocortex. Developmental Cell, 2018, 47, 758-772.e5.	3.1	67
139	A noncoding RNA regulates the neurogenin1 gene locus during mouse neocortical development. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16939-16944.	3.3	66
140	The polycomb component Ring1B regulates the timed termination of subcerebral projection neuron production during mouse neocortical development. Development (Cambridge), 2014, 141, 4343-4353.	1.2	66
141	Efficient Regeneration of Human V α 24+ Invariant Natural Killer T Cells and Their Anti-Tumor Activity In Vivo. Stem Cells, 2016, 34, 2852-2860.	1.4	65
142	Estrogen, Insulin, and Dietary Signals Cooperatively Regulate Longevity Signals to Enhance Resistance to Oxidative Stress in Mice. Journal of Biological Chemistry, 2005, 280, 16417-16426.	1.6	64
143	Polycomb Repressive Complexes Restrain the Expression of Lineage-Specific Regulators in Embryonic Stem Cells. Cell Cycle, 2006, 5, 1411-1414.	1.3	64
144	A Lysosomal Protein Negatively Regulates Surface T Cell Antigen Receptor Expression by Promoting CD3 ϵ -Chain Degradation. Immunity, 2008, 29, 33-43.	6.6	64

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