

Haruhiko Koseki

List of Publications by Year in descending order

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Version: 2024-02-01

350
papers

41,273
citations

2970

93
h-index

2949

189
g-index

367
all docs

367
docs citations

367
times ranked

46094
citing authors

#	ARTICLE	IF	CITATIONS
1	DJ–depletion prevents immunoaging in T–cell compartments. EMBO Reports, 2022, 23, e53302.	2.0	9
2	Bivalent-histone-marked immediate-early gene regulation is vital for VEGF-responsive angiogenesis. Cell Reports, 2022, 38, 110332.	2.9	11
3	Establishment of mouse stem cells that can recapitulate the developmental potential of primitive endoderm. Science, 2022, 375, 574-578.	6.0	16
4	Microglia integration into human midbrain organoids leads to increased neuronal maturation and functionality. Glia, 2022, 70, 1267-1288.	2.5	51
5	Polycomb group ring finger protein 6 suppresses Myc-induced lymphomagenesis. Life Science Alliance, 2022, 5, e202101344.	1.3	4
6	Microbiota-Independent Spontaneous Dermatitis Associated with Increased Sebaceous Lipid Production in Tmem79-Deficient Mice. Journal of Investigative Dermatology, 2022, 142, 2864-2872.e6.	0.3	3
7	Polycomb complexes redundantly maintain epidermal stem cell identity during development. Genes and Development, 2021, 35, 354-366.	2.7	25
8	H2AK119ub1 guides maternal inheritance and zygotic deposition of H3K27me3 in mouse embryos. Nature Genetics, 2021, 53, 539-550.	9.4	77
9	Staphylococcus cohnii is a potentially biotherapeutic skin commensal alleviating skin inflammation. Cell Reports, 2021, 35, 109052.	2.9	26
10	Enhancers are activated by p300/CBP activity-dependent PIC assembly, RNAPII recruitment, and pause release. Molecular Cell, 2021, 81, 2166-2182.e6.	4.5	94
11	Maintenance DNA methylation in pre-meiotic germ cells regulates meiotic prophase by facilitating homologous chromosome pairing. Development (Cambridge), 2021, 148, .	1.2	15
12	Discovery of widespread transcription initiation at microsatellites predictable by sequence-based deep neural network. Nature Communications, 2021, 12, 3297.	5.8	11
13	Insufficiency of non-canonical PRC1 synergizes with JAK2V617F in the development of myelofibrosis. Leukemia, 2021, , .	3.3	4
14	UV-induced reduction in Polycomb repression promotes epidermal pigmentation. Developmental Cell, 2021, 56, 2547-2561.e8.	3.1	13
15	Variant PCGF1-PRC1 links PRC2 recruitment with differentiation-associated transcriptional inactivation at target genes. Nature Communications, 2021, 12, 5341.	5.8	25
16	The Cxxc1 subunit of the Trithorax complex directs epigenetic licensing of CD4+ T cell differentiation. Journal of Experimental Medicine, 2021, 218, .	4.2	10
17	Osteoclasts adapt to physioxia perturbation through DNA demethylation. EMBO Reports, 2021, 22, e53035.	2.0	13
18	Repression of germline genes by PRC1.6 and SETDB1 in the early embryo precedes DNA methylation-mediated silencing. Nature Communications, 2021, 12, 7020.	5.8	26

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19	Regulation of Fetal Genes by Transitions among RNA-Binding Proteins during Liver Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9319.	1.8	3
20	The Polycomb group protein Ring1 regulates dorsoventral patterning of the mouse telencephalon. <i>Nature Communications</i> , 2020, 11, 5709.	5.8	18
21	Tet2 and Tet3 in B cells are required to repress CD86 and prevent autoimmunity. <i>Nature Immunology</i> , 2020, 21, 950-961.	7.0	55
22	Combined Cohesin and RUNX1 Deficiency Synergistically Perturbs Chromatin Looping and Causes Myelodysplastic Syndromes. <i>Cancer Discovery</i> , 2020, 10, 836-853.	7.7	51
23	Np95/Uhrf1 regulates tumor suppressor gene expression of neural stem/precursor cells, contributing to neurogenesis in the adult mouse brain. <i>Neuroscience Research</i> , 2019, 143, 31-43.	1.0	2
24	KDM2 proteins constrain transcription from CpG island gene promoters independently of their histone demethylase activity. <i>Nucleic Acids Research</i> , 2019, 47, 9005-9023.	6.5	26
25	Phc2 controls hematopoietic stem and progenitor cell mobilization from bone marrow by repressing Vcam1 expression. <i>Nature Communications</i> , 2019, 10, 3496.	5.8	10
26	Mast cells play role in wound healing through the ZnT2/GPR39/IL-6 axis. <i>Scientific Reports</i> , 2019, 9, 10842.	1.6	28
27	Polycomb Repressive Complex 1 Controls Maintenance of Fungiform Papillae by Repressing Sonic Hedgehog Expression. <i>Cell Reports</i> , 2019, 28, 257-266.e5.	2.9	11
28	PRC2.1 and PRC2.2 Synergize to Coordinate H3K27 Trimethylation. <i>Molecular Cell</i> , 2019, 76, 437-452.e6.	4.5	137
29	Synergy between Variant PRC1 Complexes Defines Polycomb-Mediated Gene Repression. <i>Molecular Cell</i> , 2019, 74, 1020-1036.e8.	4.5	200
30	KDM2B in polycomb repressive complex 1.1 functions as a tumor suppressor in the initiation of T-cell leukemogenesis. <i>Blood Advances</i> , 2019, 3, 2537-2549.	2.5	22
31	Lack of whey acidic protein four disulphide core (WFDC) 2 protease inhibitor causes neonatal death from respiratory failure in mice. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	7
32	PRC1 preserves epidermal tissue integrity independently of PRC2. <i>Genes and Development</i> , 2019, 33, 55-60.	2.7	36
33	Human NK cell development in hIL-7 and hIL-15 knockin NOD/SCID/IL2rgKO mice. <i>Life Science Alliance</i> , 2019, 2, e201800195.	1.3	41
34	Rewriting the past: de novo activity of PRC2 restores global H3K27 methylation patterns. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 197-199.	3.6	2
35	Hemimethylation: DNA's lasting odd couple. <i>Science</i> , 2018, 359, 1102-1103.	6.0	11
36	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

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37	Ring1A and Ring1B inhibit expression of Glis2 to maintain murine MOZ-TIF2 AML stem cells. <i>Blood</i> , 2018, 131, 1833-1845.	0.6	15
38	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
39	PCL2 regulates p53 stability and functions as a tumor suppressor in breast cancer. <i>Science Bulletin</i> , 2018, 63, 629-639.	4.3	6
40	Generation of Tumor Antigen-Specific iPSC-Derived Thymic Emigrants Using a 3D Thymic Culture System. <i>Cell Reports</i> , 2018, 22, 3175-3190.	2.9	35
41	Physiological Srsf2 P95H expression causes impaired hematopoietic stem cell functions and aberrant RNA splicing in mice. <i>Blood</i> , 2018, 131, 621-635.	0.6	64
42	DNMTs and SETDB1 function as co-repressors in MAX-mediated repression of germ cell-related genes in mouse embryonic stem cells. <i>PLoS ONE</i> , 2018, 13, e0205969.	1.1	16
43	Smchd1 Targeting to the Inactive X Is Dependent on the Xist-HnrnpK-PRC1 Pathway. <i>Cell Reports</i> , 2018, 25, 1912-1923.e9.	2.9	56
44	Ubiquitination-Independent Repression of PRC1 Targets during Neuronal Fate Restriction in the Developing Mouse Neocortex. <i>Developmental Cell</i> , 2018, 47, 758-772.e5.	3.1	67
45	Live Imaging of Xist RNA. <i>Methods in Molecular Biology</i> , 2018, 1861, 67-72.	0.4	5
46	Variant PRC1 competes with retinoic acid-related signals to repress <i>Meis2</i> in distal forelimb bud. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	15
47	Bcor insufficiency promotes initiation and progression of myelodysplastic syndrome. <i>Blood</i> , 2018, 132, 2470-2483.	0.6	36
48	Identification of the Coiled-Coil Domain as an Essential Methyl-CpG-Binding Domain Protein 3 Element for Preserving Lineage Commitment Potential of Embryonic Stem Cells. <i>Stem Cells</i> , 2018, 36, 1355-1367.	1.4	7
49	FBXL19 recruits CDK-Mediator to CpG islands of developmental genes priming them for activation during lineage commitment. <i>ELife</i> , 2018, 7, .	2.8	22
50	Gene Resistance to Transcriptional Reprogramming following Nuclear Transfer Is Directly Mediated by Multiple Chromatin-Repressive Pathways. <i>Molecular Cell</i> , 2017, 65, 873-884.e8.	4.5	38
51	PCGF3/5 PRC1 initiates Polycomb recruitment in X chromosome inactivation. <i>Science</i> , 2017, 356, 1081-1084.	6.0	220
52	Requirement of Zinc Transporter SLC39A7/ZIP7 for Dermal Development to Fine-Tune Endoplasmic Reticulum Function by Regulating Protein Disulfide Isomerase. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1682-1691.	0.3	55
53	Pramel7 mediates ground-state pluripotency through proteasomal epigenetic combined pathways. <i>Nature Cell Biology</i> , 2017, 19, 763-773.	4.6	33
54	No Winter Lasts Forever: Polycomb Complexes Convert Epigenetic Memory of Cold into Flowering. <i>Developmental Cell</i> , 2017, 42, 563-564.	3.1	1

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55	Requirement of zinc transporter ZIP10 for epidermal development: Implication of the ZIP10-p63 axis in epithelial homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12243-12248.	3.3	45
56	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017, 4, 170112.	2.4	195
57	Internal deletion of BCOR reveals a tumor suppressor function for BCOR in T lymphocyte malignancies. <i>Journal of Experimental Medicine</i> , 2017, 214, 2901-2913.	4.2	43
58	Samd7 is a cell type-specific PRC1 component essential for establishing retinal rod photoreceptor identity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8264-E8273.	3.3	28
59	Polycomb directs timely activation of germline genes in spermatogenesis. <i>Genes and Development</i> , 2017, 31, 1693-1703.	2.7	52
60	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
61	Sublethal endoplasmic reticulum stress caused by the mutation of immunoglobulin heavy chain-binding protein induces the synthesis of a mitochondrial protein, pyrroline-5-carboxylate reductase 1. <i>Cell Stress and Chaperones</i> , 2017, 22, 77-85.	1.2	2
62	Prolonged Mek1/2 suppression impairs the developmental potential of embryonic stem cells. <i>Nature</i> , 2017, 548, 219-223.	13.7	211
63	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
64	PCGF6-PRC1 suppresses premature differentiation of mouse embryonic stem cells by regulating germ cell-related genes. <i>ELife</i> , 2017, 6, .	2.8	99
65	Efficient Production of Functional Human NKT Cells from Induced Pluripotent Stem Cells after Reprogramming of Human iPS24+iNKT Cells. <i>Bio-protocol</i> , 2017, 7, e2277.	0.2	3
66	Conversion of T cells to B cells by inactivation of polycomb-mediated epigenetic suppression of the B-lineage program. <i>Genes and Development</i> , 2016, 30, 2475-2485.	2.7	29
67	Activation of Endogenous Retroviruses in Dnmt1-deficient 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
68	Histone H2A T120 Phosphorylation Promotes Oncogenic Transformation via Upregulation of Cyclin D1. <i>Molecular Cell</i> , 2016, 64, 176-188.	4.5	51
69	Regeneration of CD8 ^{hi} T Cells from T-cell-Derived iPSC Imparts Potent Tumor Antigen-Specific Cytotoxicity. <i>Cancer Research</i> , 2016, 76, 6839-6850.	0.4	93
70	Efficient Regeneration of Human iPS24+ Invariant Natural Killer T Cells and Their Anti-Tumor Activity In Vivo. <i>Stem Cells</i> , 2016, 34, 2852-2860.	1.4	65
71	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
72	NOV/CCN3: A New Adipocytokine Involved in Obesity-Associated Insulin Resistance. <i>Diabetes</i> , 2016, 65, 2502-2515.	0.3	48

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73	Polycomb in Transcriptional Phase Transition of Developmental Genes. Trends in Biochemical Sciences, 2016, 41, 9-19.	3.7	23
74	Role of Polycomb RYBP in Maintaining the B-1-to-B-2 B-Cell Lineage Switch in Adult Hematopoiesis. Molecular and Cellular Biology, 2016, 36, 900-912.	1.1	12
75	Polycomb Complex PRC1 Preserves Intestinal Stem Cell Identity by Sustaining Wnt/ β -Catenin Transcriptional Activity. Cell Stem Cell, 2016, 18, 91-103.	5.2	97
76	Zinc Transporter SLC39A7/ZIP7 Promotes Intestinal Epithelial Self-Renewal by Resolving ER Stress. PLoS Genetics, 2016, 12, e1006349.	1.5	80
77	Generation of Novel Traj18-Deficient Mice Lacking β 28 Natural Killer T Cells with an Undisturbed T Cell Receptor α -Chain Repertoire. PLoS ONE, 2016, 11, e0153347.	1.1	26
78	Loss of Pcgf5 Affects Global H2A Monoubiquitination but Not the Function of Hematopoietic Stem and Progenitor Cells. PLoS ONE, 2016, 11, e0154561.	1.1	16
79	Role of the polycomb gene BCOR in hematopoiesis. Experimental Hematology, 2015, 43, S83.	0.2	0
80	Loss of Ezh2 promotes a midbrain-to-forebrain identity switch by direct gene derepression and Wnt-dependent regulation. BMC Biology, 2015, 13, 103.	1.7	42
81	Dual Functions of the RFTS Domain of Dnmt1 in Replication-Coupled DNA Methylation and in Protection of the Genome from Aberrant Methylation. PLoS ONE, 2015, 10, e0137509.	1.1	24
82	Reduced NOV/CCN3 Expression Limits Inflammation and Interstitial Renal Fibrosis after Obstructive Nephropathy in Mice. PLoS ONE, 2015, 10, e0137876.	1.1	25
83	β 28;Foxc2 in pharyngeal arch mesenchyme is important for aortic arch artery remodelling and ventricular septum β 28;formation β 28;. Biomedical Research, 2015, 36, 235-245.	0.3	7
84	Biological and genetic characterization of the role of SRSF2 mutations in the pathogenesis of myelodysplastic syndromes. Experimental Hematology, 2015, 43, S73.	0.2	0
85	RING1 contributes to early proximal-distal specification of the forelimb bud by restricting Meis2 expression. Development (Cambridge), 2015, 143, 276-85.	1.2	15
86	Nuclear transcriptome profiling of induced pluripotent stem cells and embryonic stem cells identify non-coding loci resistant to reprogramming. Cell Cycle, 2015, 14, 1148-1155.	1.3	14
87	Transcribed enhancers lead waves of coordinated transcription in transitioning mammalian cells. Science, 2015, 347, 1010-1014.	6.0	517
88	Roles of histone H3K27 trimethylase Ezh2 in retinal proliferation and differentiation. Developmental Neurobiology, 2015, 75, 947-960.	1.5	45
89	Clustering of CARMA1 through SH3-GUK domain interactions is required for its activation of NF- κ B signalling. Nature Communications, 2015, 6, 5555.	5.8	21
90	CNOT3 contributes to early B cell development by controlling <i>Igh</i> rearrangement and <i>p53</i> mRNA stability. Journal of Experimental Medicine, 2015, 212, 1465-1479.	4.2	43

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91	KDEL receptor 1 regulates T-cell homeostasis via PP1 that is a key phosphatase for ISR. <i>Nature Communications</i> , 2015, 6, 7474.	5.8	35
92	Physical interaction between MPP8 and PRC1 complex and its implication for regulation of spermatogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 470-475.	1.0	5
93	Generating a transgenic mouse line stably expressing human MHC surface antigen from a HAC carrying multiple genomic BACs. <i>Chromosoma</i> , 2015, 124, 107-118.	1.0	16
94	Polycomb repressive complex PRC1 spatially constrains the mouse embryonic stem cell genome. <i>Nature Genetics</i> , 2015, 47, 1179-1186.	9.4	330
95	Polycomb Group Protein Ezh2 Regulates Hepatic Progenitor Cell Proliferation and Differentiation in Murine Embryonic Liver. <i>PLoS ONE</i> , 2014, 9, e104776.	1.1	29
96	Late-Onset of Spinal Neurodegeneration in Knock-In Mice Expressing a Mutant BiP. <i>PLoS ONE</i> , 2014, 9, e112837.	1.1	34
97	Histone demethylase Jmjd3 is required for the development of subsets of retinal bipolar cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3751-3756.	3.3	45
98	Distinct roles of Polycomb group gene products in transcriptionally repressed and active domains of <i>Hoxb8</i> . <i>Development (Cambridge)</i> , 2014, 141, 3431-3436.	1.2	0
99	Splicing factor 3b subunit 1 (Sf3b1) haploinsufficient mice display features of low risk Myelodysplastic syndromes with ring sideroblasts. <i>Journal of Hematology and Oncology</i> , 2014, 7, 89.	6.9	22
100	Histone acetylation mediated by Brd1 is crucial for Cd8 gene activation during early thymocyte development. <i>Nature Communications</i> , 2014, 5, 5872.	5.8	33
101	Characterization of Np95 expression in mouse brain from embryo to adult: A novel marker for proliferating neural stem/precursor cells. <i>Neurogenesis (Austin, Tex)</i> , 2014, 1, e976026.	1.5	18
102	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
103	Mammalian Polycomb-Like Pcl2/Mtf2 Is a Novel Regulatory Component of PRC2 That Can Differentially Modulate Polycomb Activity both at the <i>Hox</i> Gene Cluster and at <i>Cdkn2a</i> Genes. <i>Molecular and Cellular Biology</i> , 2014, 34, 2773-2773.	1.1	2
104	Bromodomain-PHD finger protein 1 is critical for leukemogenesis associated with MOZ-TIF2 fusion. <i>International Journal of Hematology</i> , 2014, 99, 21-31.	0.7	30
105	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014, 507, 462-470.	13.7	1,838
106	Mammal-specific H2A Variant, H2ABbd, Is Involved in Apoptotic Induction via Activation of NF- κ B Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2014, 289, 11656-11666.	1.6	5
107	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
108	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

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109	Ezh2 is required for neural crest-derived cartilage and bone formation. <i>Development (Cambridge)</i> , 2014, 141, 867-877.	1.2	101
110	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
111	The polycomb component Ring1B regulates the timed termination of subcerebral projection neuron production during mouse neocortical development. <i>Development (Cambridge)</i> , 2014, 141, 4343-4353.	1.2	66
112	Ring1B promotes hepatic stem/progenitor cell expansion through simultaneous suppression of Cdkn1a and Cdkn2a in mice. <i>Hepatology</i> , 2014, 60, 323-333.	3.6	16
113	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
114	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
115	Ezh2 loss promotes development of myelodysplastic syndrome but attenuates its predisposition to leukaemic transformation. <i>Nature Communications</i> , 2014, 5, 4177.	5.8	143
116	Generation of induced pluripotent stem cell-derived mice by reprogramming of a mature NKT cell. <i>International Immunology</i> , 2014, 26, 551-561.	1.8	6
117	Stem Cell Epigenetics: Looking Forward. <i>Cell Stem Cell</i> , 2014, 14, 706-709.	5.2	1
118	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
119	Variant PRC1 Complex-Dependent H2A Ubiquitylation Drives PRC2 Recruitment and Polycomb Domain Formation. <i>Cell</i> , 2014, 157, 1445-1459.	13.5	613
120	Depletion of Sf3b1 impairs proliferative capacity of hematopoietic stem cells but is not sufficient to induce myelodysplasia. <i>Blood</i> , 2014, 123, 3336-3343.	0.6	36
121	Guanine- 5-carboxylcytosine base pairs mimic mismatches during DNA replication. <i>Scientific Reports</i> , 2014, 4, 5220.	1.6	27
122	WIP1, a Homeostatic Regulator of the DNA Damage Response, Is Targeted by HIPK2 for Phosphorylation and Degradation. <i>Molecular Cell</i> , 2013, 51, 374-385.	4.5	58
123	SAM Domain Polymerization Links Subnuclear Clustering of PRC1 to Gene Silencing. <i>Developmental Cell</i> , 2013, 26, 565-577.	3.1	271
124	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
125	Commensal microbe-derived butyrate induces the differentiation of colonic regulatory T cells. <i>Nature</i> , 2013, 504, 446-450.	13.7	3,901
126	Embracing change to remain the same: conservation of polycomb functions despite divergence of binding motifs among species. <i>Current Opinion in Cell Biology</i> , 2013, 25, 305-313.	2.6	8

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127	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
128	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
129	Repression of the Transcription Factor Bach2 Contributes to Predisposition of IgG1 Memory B Cells toward Plasma Cell Differentiation. <i>Immunity</i> , 2013, 39, 136-147.	6.6	187
130	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
131	Uhrf1-dependent H3K23 ubiquitylation couples maintenance DNA methylation and replication. <i>Nature</i> , 2013, 502, 249-253.	13.7	305
132	Ash1l Methylates Lys36 of Histone H3 Independently of Transcriptional Elongation to Counteract Polycomb Silencing. <i>PLoS Genetics</i> , 2013, 9, e1003897.	1.5	69
133	Is there a role for endogenous retroviruses to mediate long-term adaptive phenotypic response upon environmental inputs?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20110340.	1.8	30
134	CCN3 Protein Participates in Bone Regeneration as an Inhibitory Factor. <i>Journal of Biological Chemistry</i> , 2013, 288, 19973-19985.	1.6	50
135	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
136	An epigenetic switch is crucial for spermatogonia to exit the undifferentiated state toward a Kit-positive identity. <i>Development (Cambridge)</i> , 2013, 140, 3565-3576.	1.2	70
137	Role of SOX17 in hematopoietic development from human embryonic stem cells. <i>Blood</i> , 2013, 121, 447-458.	0.6	87
138	Dependence receptor UNC5D mediates nerve growth factor depletion-induced neuroblastoma regression. <i>Journal of Clinical Investigation</i> , 2013, 123, 2935-2947.	3.9	43
139	Splicing Factor 3b Subunit 1 (SF3B1) Heterozygous Mice Manifest a Hematologic Phenotype Similar To Low Risk Myelodysplastic Syndromes With Ring Sideroblasts. <i>Blood</i> , 2013, 122, 259-259.	0.6	2
140	The USP21 Short Variant (USP21SV) Lacking NES, Located Mostly in the Nucleus In Vivo, Activates Transcription by Deubiquitylating ubH2A In Vitro. <i>PLoS ONE</i> , 2013, 8, e79813.	1.1	16
141	Cell Cycle-Dependent Turnover of 5-Hydroxymethyl Cytosine in Mouse Embryonic Stem Cells. <i>PLoS ONE</i> , 2013, 8, e82961.	1.1	73
142	Role Of Sf3b1 On Hematopoiesis. <i>Blood</i> , 2013, 122, 600-600.	0.6	1
143	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
144	Development and Function of Invariant Natural Killer T Cells Producing TH2- and TH17-Cytokines. <i>PLoS Biology</i> , 2012, 10, e1001255.	2.6	180

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145	Lethal myelofibrosis induced by <i>Bmi1</i> -deficient hematopoietic cells unveils a tumor suppressor function of the polycomb group genes. <i>Journal of Experimental Medicine</i> , 2012, 209, 445-454.	4.2	49
146	An interview with Haruhiko Koseki. <i>Development (Cambridge)</i> , 2012, 139, 3469-3470.	1.2	0
147	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
148	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
149	KDM2B links the Polycomb Repressive Complex 1 (PRC1) to recognition of CpG islands. <i>ELife</i> , 2012, 1, e00205.	2.8	414
150	Membrane-bound human SCF/KL promotes in vivo human hematopoietic engraftment and myeloid differentiation. <i>Blood</i> , 2012, 119, 2768-2777.	0.6	96
151	Ezh2 augments leukemogenicity by reinforcing differentiation blockage in acute myeloid leukemia. <i>Blood</i> , 2012, 120, 1107-1117.	0.6	161
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