

Haruhiko Koseki

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343
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38,461
ext. citations

10.2
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L-index

#	Paper	IF	Citations
343	Commensal microbe-derived butyrate induces the differentiation of colonic regulatory T cells. <i>Nature</i> , 2013 , 504, 446-50	50.4	2810
342	CD1d-restricted and TCR-mediated activation of valpha14 NKT cells by glycosylceramides. <i>Science</i> , 1997 , 278, 1626-9	33.3	2072
341	Control of developmental regulators by Polycomb in human embryonic stem cells. <i>Cell</i> , 2006 , 125, 301-136.2	36.2	1882
340	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014 , 507, 462-70	50.4	1301
339	Requirement for Valpha14 NKT cells in IL-12-mediated rejection of tumors. <i>Science</i> , 1997 , 278, 1623-6	33.3	1092
338	The SRA protein Np95 mediates epigenetic inheritance by recruiting Dnmt1 to methylated DNA. <i>Nature</i> , 2007 , 450, 908-12	50.4	922
337	Genomewide analysis of PRC1 and PRC2 occupancy identifies two classes of bivalent domains. <i>PLoS Genetics</i> , 2008 , 4, e1000242	6	746
336	Polycomb group proteins Ring1A/B link ubiquitylation of histone H2A to heritable gene silencing and X inactivation. <i>Developmental Cell</i> , 2004 , 7, 663-76	10.2	711
335	Ring1-mediated ubiquitination of H2A restrains poised RNA polymerase II at bivalent genes in mouse ES cells. <i>Nature Cell Biology</i> , 2007 , 9, 1428-35	23.4	534
334	Variant PRC1 complex-dependent H2A ubiquitylation drives PRC2 recruitment and polycomb domain formation. <i>Cell</i> , 2014 , 157, 1445-1459	56.2	477
333	Enhanced self-renewal of hematopoietic stem cells mediated by the polycomb gene product Bmi-1. <i>Immunity</i> , 2004 , 21, 843-51	32.3	424
332	Natural killer-like nonspecific tumor cell lysis mediated by specific ligand-activated Valpha14 NKT cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 5690-3	11.5	398
331	Transcribed enhancers lead waves of coordinated transcription in transitioning mammalian cells. <i>Science</i> , 2015 , 347, 1010-4	33.3	384
330	Polycomb limits the neurogenic competence of neural precursor cells to promote astrogenic fate transition. <i>Neuron</i> , 2009 , 63, 600-13	13.9	329
329	Recruitment of PRC1 function at the initiation of X inactivation independent of PRC2 and silencing. <i>EMBO Journal</i> , 2006 , 25, 3110-22	13	319
328	KDM2B links the Polycomb Repressive Complex 1 (PRC1) to recognition of CpG islands. <i>ELife</i> , 2012 , 1, e00205	8.9	318
327	Pax genes and organogenesis. <i>BioEssays</i> , 1997 , 19, 755-65	4.1	316

326	Disruption of the Bcl6 gene results in an impaired germinal center formation. <i>Journal of Experimental Medicine</i> , 1997 , 186, 439-48	16.6	309
325	Mouse model of Prinzmetal angina by disruption of the inward rectifier Kir6.1. <i>Nature Medicine</i> , 2002 , 8, 466-72	50.5	278
324	Mesp2: a novel mouse gene expressed in the presegmented mesoderm and essential for segmentation initiation. <i>Genes and Development</i> , 1997 , 11, 1827-39	12.6	271
323	Generation of rejuvenated antigen-specific T cells by reprogramming to pluripotency and redifferentiation. <i>Cell Stem Cell</i> , 2013 , 12, 114-26	18	257
322	PRC1 and Suv39h specify parental asymmetry at constitutive heterochromatin in early mouse embryos. <i>Nature Genetics</i> , 2008 , 40, 411-20	36.3	252
321	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, 619-29	19.1	245
320	Characterization and developmental expression of Pax9, a paired-box-containing gene related to Pax1. <i>Developmental Biology</i> , 1995 , 170, 701-16	3.1	243
319	Polycomb repressive complex PRC1 spatially constrains the mouse embryonic stem cell genome. <i>Nature Genetics</i> , 2015 , 47, 1179-1186	36.3	241
318	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	10.6	233
317	Uhrf1-dependent H3K23 ubiquitylation couples maintenance DNA methylation and replication. <i>Nature</i> , 2013 , 502, 249-53	50.4	233
316	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, 1513-24	6.6	227
315	Selective ablation of basophils in mice reveals their nonredundant role in acquired immunity against ticks. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2867-75	15.9	225
314	UHRF1 targets DNMT1 for DNA methylation through cooperative binding of hemi-methylated DNA and methylated H3K9. <i>Nature Communications</i> , 2013 , 4, 1563	17.4	218
313	Regeneration of human tumor antigen-specific T cells from iPSCs derived from mature CD8(+) T cells. <i>Cell Stem Cell</i> , 2013 , 12, 31-6	18	211
312	Deep transcriptome profiling of mammalian stem cells supports a regulatory role for retrotransposons in pluripotency maintenance. <i>Nature Genetics</i> , 2014 , 46, 558-66	36.3	203
311	The zinc transporter SLC39A13/ZIP13 is required for connective tissue development; its involvement in BMP/TGF-beta signaling pathways. <i>PLoS ONE</i> , 2008 , 3, e3642	3.7	203
310	Dynamic reprogramming of DNA methylation at an epigenetically sensitive allele in mice. <i>PLoS Genetics</i> , 2006 , 2, e49	6	195
309	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	6	193

308	SAM domain polymerization links subnuclear clustering of PRC1 to gene silencing. <i>Developmental Cell</i> , 2013 , 26, 565-77	10.2	190
307	The polycomb protein Ezh2 regulates differentiation and plasticity of CD4(+) T helper type 1 and type 2 cells. <i>Immunity</i> , 2013 , 39, 819-32	32.3	181
306	Mesp2 initiates somite segmentation through the Notch signalling pathway. <i>Nature Genetics</i> , 2000 , 25, 390-6	36.3	176
305	Targeted disruption of Traf5 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, 9803-8	11.5	172
304	Angiopoietin-related growth factor antagonizes obesity and insulin resistance. <i>Nature Medicine</i> , 2005 , 11, 400-8	50.5	170
303	Bypass of senescence by the polycomb group protein CBX8 through direct binding to the INK4A-ARF locus. <i>EMBO Journal</i> , 2007 , 26, 1637-48	13	157
302	PCGF3/5-PRC1 initiates Polycomb recruitment in X chromosome inactivation. <i>Science</i> , 2017 , 356, 1081-1084	19.4	155
301	Dependency on the polycomb gene Ezh2 distinguishes fetal from adult hematopoietic stem cells. <i>Blood</i> , 2011 , 118, 6553-61	2.2	155
300	SF3B1 haploinsufficiency leads to formation of ring sideroblasts in myelodysplastic syndromes. <i>Blood</i> , 2012 , 120, 3173-86	2.2	152
299	Development and function of invariant natural killer T cells producing T(h)2- and T(h)17-cytokines. <i>PLoS Biology</i> , 2012 , 10, e1001255	9.7	148
298	Inhibition of T helper cell type 2 cell differentiation and immunoglobulin E response by ligand-activated Valpha14 natural killer T cells. <i>Journal of Experimental Medicine</i> , 1999 , 190, 783-92	16.6	148
297	Involvement of decidual Valpha14 NKT cells in abortion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 740-4	11.5	147
296	Repression of the transcription factor Bach2 contributes to predisposition of IgG1 memory B cells toward plasma cell differentiation. <i>Immunity</i> , 2013 , 39, 136-47	32.3	146
295	Novel regulation of MHC class II function in B cells. <i>EMBO Journal</i> , 2007 , 26, 846-54	13	145
294	Concurrent loss of Ezh2 and Tet2 cooperates in the pathogenesis of myelodysplastic disorders. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2627-39	16.6	143
293	Ezh2 augments leukemogenicity by reinforcing differentiation blockage in acute myeloid leukemia. <i>Blood</i> , 2012 , 120, 1107-17	2.2	140
292	Senescence marker protein-30 knockout mouse liver is highly susceptible to tumor necrosis factor-alpha- and Fas-mediated apoptosis. <i>American Journal of Pathology</i> , 2002 , 161, 1273-81	5.8	138
291	CBX8, a polycomb group protein, is essential for MLL-AF9-induced leukemogenesis. <i>Cancer Cell</i> , 2011 , 20, 563-75	24.3	136

290	Prolonged Mek1/2 suppression impairs the developmental potential of embryonic stem cells. <i>Nature</i> , 2017 , 548, 219-223	50.4	135
289	Dilated cardiomyopathy caused by aberrant endoplasmic reticulum quality control in mutant KDEL receptor transgenic mice. <i>Molecular and Cellular Biology</i> , 2004 , 24, 8007-17	4.8	135
288	ESCs require PRC2 to direct the successful reprogramming of differentiated cells toward pluripotency. <i>Cell Stem Cell</i> , 2010 , 6, 547-56	18	134
287	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, 31-8	16.6	132
286	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, 1531-41	16.6	129
285	The Hbo1-Brd1/Brpf2 complex is responsible for global acetylation of H3K14 and required for fetal liver erythropoiesis. <i>Blood</i> , 2011 , 118, 2443-53	2.2	126
284	The epigenetic regulator Uhrf1 facilitates the proliferation and maturation of colonic regulatory T cells. <i>Nature Immunology</i> , 2014 , 15, 571-9	19.1	125
283	H2A.Z landscapes and dual modifications in pluripotent and multipotent stem cells underlie complex genome regulatory functions. <i>Genome Biology</i> , 2012 , 13, R85	18.3	125
282	Generation of cloned mice by direct nuclear transfer from natural killer T cells. <i>Current Biology</i> , 2005 , 15, 1114-8	6.3	125
281	Extrathymic development of V alpha 14-positive T cells. <i>Journal of Experimental Medicine</i> , 1993 , 177, 1399-408	16.6	123
280	The zinc transporter SLC39A14/ZIP14 controls G-protein coupled receptor-mediated signaling required for systemic growth. <i>PLoS ONE</i> , 2011 , 6, e18059	3.7	122
279	Ezh2 loss promotes development of myelodysplastic syndrome but attenuates its predisposition to leukaemic transformation. <i>Nature Communications</i> , 2014 , 5, 4177	17.4	115
278	The KDEL receptor mediates a retrieval mechanism that contributes to quality control at the endoplasmic reticulum. <i>EMBO Journal</i> , 2001 , 20, 3082-91	13	114
277	A phosphorylated form of Mel-18 targets the Ring1B histone H2A ubiquitin ligase to chromatin. <i>Molecular Cell</i> , 2007 , 28, 107-20	17.6	110
276	Synergy between Variant PRC1 Complexes Defines Polycomb-Mediated Gene Repression. <i>Molecular Cell</i> , 2019 , 74, 1020-1036.e8	17.6	108
275	Roles of HIPK1 and HIPK2 in AML1- and p300-dependent transcription, hematopoiesis and blood vessel formation. <i>EMBO Journal</i> , 2006 , 25, 3955-65	13	108
274	The role of mel-18, a mammalian Polycomb group gene, during IL-7-dependent proliferation of lymphocyte precursors. <i>Immunity</i> , 1997 , 7, 135-46	32.3	106
273	Opposing roles of polycomb repressive complexes in hematopoietic stem and progenitor cells. <i>Blood</i> , 2010 , 116, 731-9	2.2	104

272	Mammalian polyhomeotic homologues Phc2 and Phc1 act in synergy to mediate polycomb repression of Hox genes. <i>Molecular and Cellular Biology</i> , 2005 , 25, 6694-706	4.8	102
271	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, 5248-52	11.5	100
270	A novel pathogenesis of megacolon in Ncx/Hox11L.1 deficient mice. <i>Journal of Clinical Investigation</i> , 1997 , 100, 795-801	15.9	99
269	Regulation of Th2 cell differentiation by mel-18, a mammalian polycomb group gene. <i>Immunity</i> , 2001 , 15, 275-87	32.3	98
268	DNA polymerase theta 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, 13986-91	11.5	97
267	FGF9 monomer-dimer equilibrium regulates extracellular matrix affinity and tissue diffusion. <i>Nature Genetics</i> , 2009 , 41, 289-98	36.3	92
266	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, 403-17	37	92
265	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, 7518-22	11.5	92
264	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, 1363-7	50.5	91
263	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		91
262	S phase-dependent interaction with DNMT1 dictates the role of UHRF1 but not UHRF2 in DNA methylation maintenance. <i>Cell Research</i> , 2011 , 21, 1723-39	24.7	89
261	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, 2758-71	4.8	89
260	Mammalian polycomb-mediated repression of Hox genes requires the essential spliceosomal protein Sf3b1. <i>Genes and Development</i> , 2005 , 19, 536-41	12.6	89
259	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017 , 4, 170112	8.2	88
258	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, 11786-91	11.5	87
257	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, 7409-14	11.5	87
256	The importance of disinfection therapy using povidone-iodine solution in atopic dermatitis. <i>Dermatology</i> , 2002 , 204 Suppl 1, 63-9	4.4	86
255	Membrane-bound human SCF/KL promotes in vivo human hematopoietic engraftment and myeloid differentiation. <i>Blood</i> , 2012 , 119, 2768-77	2.2	85

254	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	5.3	85
253	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, 11780-5	11.5	84
252	Growth retardation and skin abnormalities of the Recql4-deficient mouse. <i>Human Molecular Genetics</i> , 2003 , 12, 2293-9	5.6	84
251	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, 11025-8	11.5	83
250	Model mice for tissue-specific deletion of the manganese superoxide dismutase (MnSOD) gene. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 296, 729-36	3.4	82
249	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	10.2	80
248	Targeted disruption of dermatopontin causes abnormal collagen fibrillogenesis. <i>Journal of Investigative Dermatology</i> , 2002 , 119, 678-83	4.3	80
247	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	3.1	80
246	Ezh2 is required for neural crest-derived cartilage and bone formation. <i>Development (Cambridge)</i> , 2014 , 141, 867-77	6.6	79
245	Distinct roles of Polycomb group gene products in transcriptionally repressed and active domains of Hoxb8. <i>Development (Cambridge)</i> , 2014 , 141, 3431-3436	6.6	78
244	Sall4 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	5.8	78
243	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, 2939-47	20.1	77
242	The KDEL receptor modulates the endoplasmic reticulum stress response through mitogen-activated protein kinase signaling cascades. <i>Journal of Biological Chemistry</i> , 2003 , 278, 34525-32	5.4	74
241	Involvement of the Polycomb-group gene Ring1b in the specification of the anterior-posterior axis in mice. <i>Development (Cambridge)</i> , 2002 , 129, 4171-4183	6.6	74
240	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	17.6	73
239	Polycomb Complex PRC1 Preserves Intestinal Stem Cell Identity by Sustaining Wnt/ECatenin Transcriptional Activity. <i>Cell Stem Cell</i> , 2016 , 18, 91-103	18	73
238	Role of SOX17 in hematopoietic development from human embryonic stem cells. <i>Blood</i> , 2013 , 121, 447-58	5.8	71
237	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, 1471-82	6.6	71

236	Inactivation of the polycomb group protein Ring1B unveils an antiproliferative role in hematopoietic cell expansion and cooperation with tumorigenesis associated with Ink4a deletion. <i>Molecular and Cellular Biology</i> , 2008 , 28, 1018-28	4.8	71
235	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 1200-4	11.5	71
234	PRC2.1 and PRC2.2 Synergize to Coordinate H3K27 Trimethylation. <i>Molecular Cell</i> , 2019 , 76, 437-452.e6	17.6	70
233	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	18	69
232	Forkhead transcription factor Foxf2 (LUN)-deficient mice exhibit abnormal development of secondary palate. <i>Developmental Biology</i> , 2003 , 259, 83-94	3.1	68
231	RYBP represses endogenous retroviruses and preimplantation- and germ line-specific genes in mouse embryonic stem cells. <i>Molecular and Cellular Biology</i> , 2012 , 32, 1139-49	4.8	67
230	Construction of an open-access database that integrates cross-reference information from the transcriptome and proteome of immune cells. <i>Bioinformatics</i> , 2007 , 23, 2934-41	7.2	67
229	Noc2 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, 8313-8	11.5	67
228	Mouse homologue of coq7/clk-1, 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, 463-71	3.4	67
227	Bmi1 is a MYCN target gene that regulates tumorigenesis through repression of KIF1Bbeta and TSLC1 in neuroblastoma. <i>Oncogene</i> , 2010 , 29, 2681-90	9.2	65
226	Zic1 regulates the patterning of vertebral arches in cooperation with Gli3. <i>Mechanisms of Development</i> , 1999 , 89, 141-50	1.7	65
225	Role of UHRF1 in de novo DNA methylation in oocytes and maintenance methylation in preimplantation embryos. <i>PLoS Genetics</i> , 2017 , 13, e1007042	6	63
224	CCN3 inhibits neointimal hyperplasia through modulation of smooth muscle cell growth and migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 675-82	9.4	62
223	Cell-autonomous involvement of Mab21l1 is essential for lens placode development. <i>Development (Cambridge)</i> , 2003 , 130, 1759-70	6.6	62
222	Polycomb proteins control proliferation and transformation independently of cell cycle checkpoints by regulating DNA replication. <i>Nature Communications</i> , 2014 , 5, 3649	17.4	61
221	Deficiency of the macrophage migration inhibitory factor gene has no significant effect on endotoxaemia. <i>Immunology</i> , 2000 , 100, 84-90	7.8	61
220	A noncoding RNA regulates the neurogenin1 gene locus during mouse neocortical development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 16939-44	11.5	60
219	Functional analysis of AEBP2, a PRC2 Polycomb protein, reveals a Trithorax phenotype in embryonic development and in ESCs. <i>Development (Cambridge)</i> , 2016 , 143, 2716-23	6.6	58

218	Requirement for Mab21l2 during development of murine retina and ventral body wall. <i>Developmental Biology</i> , 2004 , 274, 295-307	3.1	58
217	Estrogen, insulin, and dietary signals cooperatively regulate longevity signals to enhance resistance to oxidative stress in mice. <i>Journal of Biological Chemistry</i> , 2005 , 280, 16417-26	5.4	58
216	Zinc Transporter SLC39A7/ZIP7 Promotes Intestinal Epithelial Self-Renewal by Resolving ER Stress. <i>PLoS Genetics</i> , 2016 , 12, e1006349	6	58
215	Cell cycle-dependent turnover of 5-hydroxymethyl cytosine in mouse embryonic stem cells. <i>PLoS ONE</i> , 2013 , 8, e82961	3.7	58
214	The SET1 Complex Selects Actively Transcribed Target Genes via Multivalent Interaction with CpG Island Chromatin. <i>Cell Reports</i> , 2017 , 20, 2313-2327	10.6	57
213	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. <i>Molecular and Cellular Biology</i> , 2011 , 31, 351-64	4.8	56
212	Identification of Epha4 enhancer required for segmental expression and the regulation by Mesp2. <i>Development (Cambridge)</i> , 2006 , 133, 2517-25	6.6	56
211	Bmi1 cooperates with Dnmt1-associated protein 1 in gene silencing. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 353, 992-8	3.4	56
210	Abnormal PcG protein expression in Hodgkin lymphoma. Relation with E2F6 and NFkappaB transcription factors. <i>Journal of Pathology</i> , 2004 , 204, 528-37	9.4	56
209	Aberrant quality control in the endoplasmic reticulum impairs the biosynthesis of pulmonary surfactant in mice expressing mutant BiP. <i>Cell Death and Differentiation</i> , 2007 , 14, 1475-85	12.7	55
208	Stem cells primed for action: polycomb repressive complexes restrain the expression of lineage-specific regulators in embryonic stem cells. <i>Cell Cycle</i> , 2006 , 5, 1411-4	4.7	55
207	Ash1l methylates Lys36 of histone H3 independently of transcriptional elongation to counteract polycomb silencing. <i>PLoS Genetics</i> , 2013 , 9, e1003897	6	54
206	An epigenetic switch is crucial for spermatogonia to exit the undifferentiated state toward a Kit-positive identity. <i>Development (Cambridge)</i> , 2013 , 140, 3565-76	6.6	54
205	Production of monoclonal antibodies against mammalian Ring1B proteins. <i>Hybridoma</i> , 2001 , 20, 43-6		54
204	Oxygen affinity of hemoglobin regulates O2 consumption, metabolism, and physical activity. <i>Journal of Biological Chemistry</i> , 2003 , 278, 5035-43	5.4	53
203	Activation of Endogenous Retroviruses in Dnmt1(-/-) ESCs Involves Disruption of SETDB1-Mediated Repression by NP95 Binding to Hemimethylated DNA. <i>Cell Stem Cell</i> , 2016 , 19, 81-94	18	53
202	Regeneration of CD8 ⁺ T Cells from T-cell-Derived iPSC Imparts Potent Tumor Antigen-Specific Cytotoxicity. <i>Cancer Research</i> , 2016 , 76, 6839-6850	10.1	52
201	HP1 links histone methylation marks to meiotic synapsis in mice. <i>Development (Cambridge)</i> , 2011 , 138, 4207-17	6.6	52

200	Predominant use of a particular alpha-chain in suppressor T cell hybridomas specific for keyhole limpet hemocyanin. <i>International Immunology</i> , 1989 , 1, 557-64	4.9	52
199	A lysosomal protein negatively regulates surface T cell antigen receptor expression by promoting CD3zeta-chain degradation. <i>Immunity</i> , 2008 , 29, 33-43	32.3	51
198	Protective role of macrophages in noninflammatory lung injury caused by selective ablation of alveolar epithelial type II Cells. <i>Journal of Immunology</i> , 2007 , 178, 5001-9	5.3	51
197	Abnormal blood vessel development in mice lacking presenilin-1. <i>Mechanisms of Development</i> , 2003 , 120, 657-67	1.7	51
196	Development of Valpha4+ NK T cells in the early stages of embryogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 6516-20	11.5	51
195	PCGF6-PRC1 suppresses premature differentiation of mouse embryonic stem cells by regulating germ cell-related genes. <i>ELife</i> , 2017 , 6,	8.9	51
194	Maintenance of undifferentiated state and self-renewal of embryonic neural stem cells by Polycomb protein Ring1B. <i>Stem Cells</i> , 2009 , 27, 1559-70	5.8	50
193	CD69-null mice protected from arthritis induced with anti-type II collagen antibodies. <i>International Immunology</i> , 2003 , 15, 987-92	4.9	50
192	WIP1, a homeostatic regulator of the DNA damage response, is targeted by HIPK2 for phosphorylation and degradation. <i>Molecular Cell</i> , 2013 , 51, 374-85	17.6	49
191	The role of Bcl6 in mature cardiac myocytes. <i>Cardiovascular Research</i> , 1999 , 42, 670-9	9.9	49
190	Cloning and chromosome mapping of the human Mel-18 gene which encodes a DNA-binding protein with a new PRING-fingerPmotif. <i>Gene</i> , 1993 , 129, 249-55	3.8	47
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