

Haruhiko Koseki

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

343
papers

33,642
citations

87
h-index

176
g-index

367
ext. papers

38,461
ext. citations

10.2
avg. IF

6.42
L-index

#	Paper	IF	Citations
343	DJ-1 depletion prevents immunoaging in T-cell compartments.. <i>EMBO Reports</i> , 2022 , e53302	6.5	3
342	Bivalent-histone-marked immediate-early gene regulation is vital for VEGF-responsive angiogenesis.. <i>Cell Reports</i> , 2022 , 38, 110332	10.6	1
341	Establishment of mouse stem cells that can recapitulate the developmental potential of primitive endoderm.. <i>Science</i> , 2022 , 375, 574-578	33.3	1
340	Genetic, Genomic, and Imaging Approaches to Dissect the Role of Polycomb Group Epigenetic Regulators in Mice. <i>Methods in Molecular Biology</i> , 2022 , 207-228	1.4	
339	Repression of germline genes by PRC1.6 and SETDB1 in the early embryo precedes DNA methylation-mediated silencing. <i>Nature Communications</i> , 2021 , 12, 7020	17.4	4
338	Osteoclasts adapt to physioxia perturbation through DNA demethylation. <i>EMBO Reports</i> , 2021 , 22, e53085		2
337	H2AK119ub1 guides maternal inheritance and zygotic deposition of H3K27me3 in mouse embryos. <i>Nature Genetics</i> , 2021 , 53, 539-550	36.3	24
336	<i>Staphylococcus cohnii</i> is a potentially biotherapeutic skin commensal alleviating skin inflammation. <i>Cell Reports</i> , 2021 , 35, 109052	10.6	4
335	Enhancers are activated by p300/CBP activity-dependent PIC assembly, RNAPII recruitment, and pause release. <i>Molecular Cell</i> , 2021 , 81, 2166-2182.e6	17.6	19
334	Maintenance DNA methylation in pre-meiotic germ cells regulates meiotic prophase by facilitating homologous chromosome pairing. <i>Development (Cambridge)</i> , 2021 , 148,	6.6	2
333	Discovery of widespread transcription initiation at microsatellites predictable by sequence-based deep neural network. <i>Nature Communications</i> , 2021 , 12, 3297	17.4	3
332	Polycomb complexes redundantly maintain epidermal stem cell identity during development. <i>Genes and Development</i> , 2021 , 35, 354-366	12.6	8
331	UV-induced reduction in Polycomb repression promotes epidermal pigmentation. <i>Developmental Cell</i> , 2021 , 56, 2547-2561.e8	10.2	2
330	Variant PCGF1-PRC1 links PRC2 recruitment with differentiation-associated transcriptional inactivation at target genes. <i>Nature Communications</i> , 2021 , 12, 5341	17.4	1
329	The Cxhc1 subunit of the Trithorax complex directs epigenetic licensing of CD4+ T cell differentiation. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	4
328	Tet2 and Tet3 in B cells are required to repress CD86 and prevent autoimmunity. <i>Nature Immunology</i> , 2020 , 21, 950-961	19.1	23
327	Regulation of Fetal Genes by Transitions among RNA-Binding Proteins during Liver Development. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1

326	The Polycomb group protein Ring1 regulates dorsoventral patterning of the mouse telencephalon. <i>Nature Communications</i> , 2020 , 11, 5709	17.4	6
325	Combined Cohesin-RUNX1 Deficiency Synergistically Perturbs Chromatin Looping and Causes Myelodysplastic Syndromes. <i>Cancer Discovery</i> , 2020 , 10, 836-853	24.4	21
324	PRC2.1 and PRC2.2 Synergize to Coordinate H3K27 Trimethylation. <i>Molecular Cell</i> , 2019 , 76, 437-452.e6	17.6	70
323	Synergy between Variant PRC1 Complexes Defines Polycomb-Mediated Gene Repression. <i>Molecular Cell</i> , 2019 , 74, 1020-1036.e8	17.6	108
322	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	2.9	2
321	KDM2 proteins constrain transcription from CpG island gene promoters independently of their histone demethylase activity. <i>Nucleic Acids Research</i> , 2019 , 47, 9005-9023	20.1	14
320	Phc2 controls hematopoietic stem and progenitor cell mobilization from bone marrow by repressing Vcam1 expression. <i>Nature Communications</i> , 2019 , 10, 3496	17.4	5
319	Mast cells play role in wound healing through the ZnT2/GPR39/IL-6 axis. <i>Scientific Reports</i> , 2019 , 9, 10842	4.9	17
318	Polycomb Repressive Complex 1 Controls Maintenance of Fungiform Papillae by Repressing Sonic Hedgehog Expression. <i>Cell Reports</i> , 2019 , 28, 257-266.e5	10.6	8
317	Human NK cell development in hIL-7 and hIL-15 knockin NOD/SCID/IL2rgKO mice. <i>Life Science Alliance</i> , 2019 , 2,	5.8	23
316	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	7.8	15
315	Lack of whey acidic protein (WAP) four-disulfide core domain protease inhibitor 2 (WFDC2) causes neonatal death from respiratory failure in mice. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12,	4.1	2
314	PRC1 preserves epidermal tissue integrity independently of PRC2. <i>Genes and Development</i> , 2019 , 33, 55-60	12.6	26
313	Hemimethylation: DNAB lasting odd couple. <i>Science</i> , 2018 , 359, 1102-1103	33.3	7
312	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
311	Ring1A and Ring1B inhibit expression of Glis2 to maintain murine AML stem cells. <i>Blood</i> , 2018 , 131, 1833-1845	9	9
310	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
309	PCL2 regulates p53 stability and functions as a tumor suppressor in breast cancer. <i>Science Bulletin</i> , 2018 , 63, 629-639	10.6	4

308	Generation of Tumor Antigen-Specific iPSC-Derived Thymic Emigrants Using a 3D Thymic Culture System. <i>Cell Reports</i> , 2018 , 22, 3175-3190	10.6	25
307	FBXL19 recruits CDK-Mediator to CpG islands of developmental genes priming them for activation during lineage commitment. <i>ELife</i> , 2018 , 7,	8.9	19
306	Physiological P95H expression causes impaired hematopoietic stem cell functions and aberrant RNA splicing in mice. <i>Blood</i> , 2018 , 131, 621-635	2.2	46
305	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	3.7	9
304	Smchd1 Targeting to the Inactive X Is Dependent on the Xist-HnrnpK-PRC1 Pathway. <i>Cell Reports</i> , 2018 , 25, 1912-1923.e9	10.6	29
303	Ubiquitination-Independent Repression of PRC1 Targets during Neuronal Fate Restriction in the Developing Mouse Neocortex. <i>Developmental Cell</i> , 2018 , 47, 758-772.e5	10.2	43
302	Live Imaging of Xist RNA. <i>Methods in Molecular Biology</i> , 2018 , 1861, 67-72	1.4	3
301	Variant PRC1 competes with retinoic acid-related signals to repress in the mouse distal forelimb bud. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	13
300	insufficiency promotes initiation and progression of myelodysplastic syndrome. <i>Blood</i> , 2018 , 132, 2470-2483	24.3	23
299	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	5.8	3
298	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	17.6	28
297	PCGF3/5-PRC1 initiates Polycomb recruitment in X chromosome inactivation. <i>Science</i> , 2017 , 356, 1081-1084	10.4	155
296	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	4.3	43
295	Pramel7 mediates ground-state pluripotency through proteasomal-epigenetic combined pathways. <i>Nature Cell Biology</i> , 2017 , 19, 763-773	23.4	24
294	No Winter Lasts Forever: Polycomb Complexes Convert Epigenetic Memory of Cold into Flowering. <i>Developmental Cell</i> , 2017 , 42, 563-564	10.2	1
293	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	11.5	35
292	Prolonged Mek1/2 suppression impairs the developmental potential of embryonic stem cells. <i>Nature</i> , 2017 , 548, 219-223	50.4	135
291	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017 , 4, 170112	8.2	88

290	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	16.6	35
289	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	11.5	22
288	Polycomb directs timely activation of germline genes in spermatogenesis. <i>Genes and Development</i> , 2017 , 31, 1693-1703	12.6	31
287	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
286	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	4	2
285	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
284	PCGF6-PRC1 suppresses premature differentiation of mouse embryonic stem cells by regulating germ cell-related genes. <i>ELife</i> , 2017 , 6,	8.9	51
283	Author response: PCGF6-PRC1 suppresses premature differentiation of mouse embryonic stem cells by regulating germ cell-related genes 2017 ,		3
282	Efficient Production of Functional Human NKT Cells from Induced Pluripotent Stem Cells - Reprogramming of Human V α 4iNKT Cells. <i>Bio-protocol</i> , 2017 , 7, e2277	0.9	1
281	Regeneration of CD8 α T Cells from T-cell-Derived iPSC Imparts Potent Tumor Antigen-Specific Cytotoxicity. <i>Cancer Research</i> , 2016 , 76, 6839-6850	10.1	52
280	Efficient Regeneration of Human V α 4 Invariant Natural Killer T Cells and Their Anti-Tumor Activity In Vivo. <i>Stem Cells</i> , 2016 , 34, 2852-2860	5.8	42
279	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
278	NOV/CCN3: A New Adipocytokine Involved in Obesity-Associated Insulin Resistance. <i>Diabetes</i> , 2016 , 65, 2502-15	0.9	34
277	Polycomb in Transcriptional Phase Transition of Developmental Genes. <i>Trends in Biochemical Sciences</i> , 2016 , 41, 9-19	10.3	15
276	Polycomb Complex PRC1 Preserves Intestinal Stem Cell Identity by Sustaining Wnt/ β Catenin Transcriptional Activity. <i>Cell Stem Cell</i> , 2016 , 18, 91-103	18	73
275	RING1 proteins contribute to early proximal-distal specification of the forelimb bud by restricting Meis2 expression. <i>Development (Cambridge)</i> , 2016 , 143, 276-85	6.6	11
274	Zinc Transporter SLC39A7/ZIP7 Promotes Intestinal Epithelial Self-Renewal by Resolving ER Stress. <i>PLoS Genetics</i> , 2016 , 12, e1006349	6	58
273	Generation of Novel Traj18-Deficient Mice Lacking V α 4 Natural Killer T Cells with an Undisturbed T Cell Receptor β Chain Repertoire. <i>PLoS ONE</i> , 2016 , 11, e0153347	3.7	19

272	Loss of Pcgf5 Affects Global H2A Monoubiquitination but Not the Function of Hematopoietic Stem and Progenitor Cells. <i>PLoS ONE</i> , 2016 , 11, e0154561	3.7	14
271	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	12.6	21
270	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
269	Histone H2A T120 Phosphorylation Promotes Oncogenic Transformation via Upregulation of Cyclin D1. <i>Molecular Cell</i> , 2016 , 64, 176-188	17.6	36
268	Clustering of CARMA1 through SH3-GUK domain interactions is required for its activation of NF- κ B signalling. <i>Nature Communications</i> , 2015 , 6, 5555	17.4	18
267	CNOT3 contributes to early B cell development by controlling Igh rearrangement and p53 mRNA stability. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1465-79	16.6	38
266	KDEL receptor 1 regulates T-cell homeostasis via PP1 that is a key phosphatase for ISR. <i>Nature Communications</i> , 2015 , 6, 7474	17.4	23
265	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	3.4	3
264	Generating a transgenic mouse line stably expressing human MHC surface antigen from a HAC carrying multiple genomic BACs. <i>Chromosoma</i> , 2015 , 124, 107-18	2.8	16
263	Polycomb repressive complex PRC1 spatially constrains the mouse embryonic stem cell genome. <i>Nature Genetics</i> , 2015 , 47, 1179-1186	36.3	241
262	Role of Polycomb RYBP in Maintaining the B-1-to-B-2 B-Cell Lineage Switch in Adult Hematopoiesis. <i>Molecular and Cellular Biology</i> , 2015 , 36, 900-12	4.8	10
261	Loss of Ezh2 promotes a midbrain-to-forebrain identity switch by direct gene derepression and Wnt-dependent regulation. <i>BMC Biology</i> , 2015 , 13, 103	7.3	21
260	Dual Functions of the RFTS Domain of Dnmt1 in Replication-Coupled DNA Methylation and in Protection of the Genome from Aberrant Methylation. <i>PLoS ONE</i> , 2015 , 10, e0137509	3.7	20
259	Reduced NOV/CCN3 Expression Limits Inflammation and Interstitial Renal Fibrosis after Obstructive Nephropathy in Mice. <i>PLoS ONE</i> , 2015 , 10, e0137876	3.7	21
258	Foxc2 in pharyngeal arch mesenchyme is important for aortic arch artery remodelling and ventricular septum formation. <i>Biomedical Research</i> , 2015 , 36, 235-45	1.5	7
257	Nuclear transcriptome profiling of induced pluripotent stem cells and embryonic stem cells identify non-coding loci resistant to reprogramming. <i>Cell Cycle</i> , 2015 , 14, 1148-55	4.7	11
256	Transcribed enhancers lead waves of coordinated transcription in transitioning mammalian cells. <i>Science</i> , 2015 , 347, 1010-4	33.3	384
255	Roles of histone H3K27 trimethylase Ezh2 in retinal proliferation and differentiation. <i>Developmental Neurobiology</i> , 2015 , 75, 947-60	3.2	36

254	Guanine- 5-carboxylcytosine base pairs mimic mismatches during DNA replication. <i>Scientific Reports</i> , 2014 , 4, 5220	4.9	21
253	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014 , 507, 462-70	50.4	1301
252	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	5.4	5
251	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
250	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
249	Ezh2 is required for neural crest-derived cartilage and bone formation. <i>Development (Cambridge)</i> , 2014 , 141, 867-77	6.6	79
248	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
247	The polycomb component Ring1B regulates the timed termination of subcerebral projection neuron production during mouse neocortical development. <i>Development (Cambridge)</i> , 2014 , 141, 4343-53	6.6	44
246	Ring1B promotes hepatic stem/progenitor cell expansion through simultaneous suppression of Cdkn1a and Cdkn2a in mice. <i>Hepatology</i> , 2014 , 60, 323-33	11.2	13
245	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
244	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
243	Ezh2 loss promotes development of myelodysplastic syndrome but attenuates its predisposition to leukaemic transformation. <i>Nature Communications</i> , 2014 , 5, 4177	17.4	115
242	Generation of induced pluripotent stem cell-derived mice by reprogramming of a mature NKT cell. <i>International Immunology</i> , 2014 , 26, 551-61	4.9	6
241	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
240	Variant PRC1 complex-dependent H2A ubiquitylation drives PRC2 recruitment and polycomb domain formation. <i>Cell</i> , 2014 , 157, 1445-1459	56.2	477
239	Depletion of Sf3b1 impairs proliferative capacity of hematopoietic stem cells but is not sufficient to induce myelodysplasia. <i>Blood</i> , 2014 , 123, 3336-43	2.2	33
238	Polycomb group protein Ezh2 regulates hepatic progenitor cell proliferation and differentiation in murine embryonic liver. <i>PLoS ONE</i> , 2014 , 9, e104776	3.7	23
237	Late-onset of spinal neurodegeneration in knock-in mice expressing a mutant BiP. <i>PLoS ONE</i> , 2014 , 9, e112837	3.7	25

236	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, 3751-6	11.5	33
235	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
234	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	22.4	16
233	Histone acetylation mediated by Brd1 is crucial for Cd8 gene activation during early thymocyte development. <i>Nature Communications</i> , 2014 , 5, 5872	17.4	25
232	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		13
231	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
230	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> , 2014 , 34, 2773-2773	4.8	2
229	Bromodomain-PHD finger protein 1 is critical for leukemogenesis associated with MOZ-TIF2 fusion. <i>International Journal of Hematology</i> , 2014 , 99, 21-31	2.3	19
228	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
227	SAM domain polymerization links subnuclear clustering of PRC1 to gene silencing. <i>Developmental Cell</i> , 2013 , 26, 565-77	10.2	190
226	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
225	Commensal microbe-derived butyrate induces the differentiation of colonic regulatory T cells. <i>Nature</i> , 2013 , 504, 446-50	50.4	2810
224	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, 305-13	9	5
223	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
222	Generation of rejuvenated antigen-specific T cells by reprogramming to pluripotency and redifferentiation. <i>Cell Stem Cell</i> , 2013 , 12, 114-26	18	257
221	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
220	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
219	Uhrf1-dependent H3K23 ubiquitylation couples maintenance DNA methylation and replication. <i>Nature</i> , 2013 , 502, 249-53	50.4	233

218	Ash1l methylates Lys36 of histone H3 independently of transcriptional elongation to counteract polycomb silencing. <i>PLoS Genetics</i> , 2013 , 9, e1003897	6	54
217	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	5.8	22
216	CCN3 protein participates in bone regeneration as an inhibitory factor. <i>Journal of Biological Chemistry</i> , 2013 , 288, 19973-85	5.4	33
215	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
214	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
213	Role of SOX17 in hematopoietic development from human embryonic stem cells. <i>Blood</i> , 2013 , 121, 447-58	7.1	71
212	Dependence receptor UNC5D mediates nerve growth factor depletion-induced neuroblastoma regression. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2935-47	15.9	36
211	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	2.2	2
210	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	3.7	12
209	Cell cycle-dependent turnover of 5-hydroxymethyl cytosine in mouse embryonic stem cells. <i>PLoS ONE</i> , 2013 , 8, e82961	3.7	58
208	Role Of Sf3b1 On Hematopoiesis. <i>Blood</i> , 2013 , 122, 600-600	2.2	0
207	Ring1a/b polycomb proteins regulate the mesenchymal stem cell niche in continuously growing incisors. <i>Developmental Biology</i> , 2012 , 367, 140-53	3.1	41
206	Membrane-bound human SCF/KL promotes in vivo human hematopoietic engraftment and myeloid differentiation. <i>Blood</i> , 2012 , 119, 2768-77	2.2	85
205	Ezh2 augments leukemogenicity by reinforcing differentiation blockage in acute myeloid leukemia. <i>Blood</i> , 2012 , 120, 1107-17	2.2	140
204	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
203	SF3B1 haploinsufficiency leads to formation of ring sideroblasts in myelodysplastic syndromes. <i>Blood</i> , 2012 , 120, 3173-86	2.2	152
202	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
201	Bmi1 confers resistance to oxidative stress on hematopoietic stem cells. <i>PLoS ONE</i> , 2012 , 7, e36209	3.7	32

200	Induced pluripotency as a potential path towards iNKT cell-mediated cancer immunotherapy. <i>International Journal of Hematology</i> , 2012 , 95, 624-31	2.3	14
199	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
198	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
197	Lethal myelofibrosis induced by Bmi1-deficient hematopoietic cells unveils a tumor suppressor function of the polycomb group genes. <i>Journal of Experimental Medicine</i> , 2012 , 209, 445-54	16.6	43
196	An interview with Haruhiko Koseki. Interviewed by Eva Amsen. <i>Development (Cambridge)</i> , 2012 , 139, 3469-70	6.6	
195	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
194	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
193	KDM2B links the Polycomb Repressive Complex 1 (PRC1) to recognition of CpG islands. <i>ELife</i> , 2012 , 1, e00205	8.9	318
192	Lethal myelofibrosis induced by Bmi1-deficient hematopoietic cells unveils a tumor suppressor function of the polycomb group genes. <i>Journal of Cell Biology</i> , 2012 , 196, i5-i5	7.3	
191	Recruitment of Dnmt1 roles of the SRA protein Np95 (Uhrf1) and other factors. <i>Progress in Molecular Biology and Translational Science</i> , 2011 , 101, 289-310	4	27
190	Epigenetic memory meets G2/M: to remember or to forget?. <i>Developmental Cell</i> , 2011 , 20, 5-6	10.2	5
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