

Takaho A Endo

List of Publications by Year in descending order

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59
papers

10,930
citations

109321

35
h-index

138484

58
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60
all docs

60
docs citations

60
times ranked

17526
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.	27.8	3,901
2	A new protein containing an SH2 domain that inhibits JAK kinases. <i>Nature</i> , 1997, 387, 921-924.	27.8	1,319
3	The SRA protein Np95 mediates epigenetic inheritance by recruiting Dnmt1 to methylated DNA. <i>Nature</i> , 2007, 450, 908-912.	27.8	1,096
4	Arabidopsis Transcriptome Analysis under Drought, Cold, High-Salinity and ABA Treatment Conditions using a Tiling Array. <i>Plant and Cell Physiology</i> , 2008, 49, 1135-1149.	3.1	475
5	Polycomb Limits the Neurogenic Competence of Neural Precursor Cells to Promote Astrogenic Fate Transition. <i>Neuron</i> , 2009, 63, 600-613.	8.1	420
6	SAM Domain Polymerization Links Subnuclear Clustering of PRC1 to Gene Silencing. <i>Developmental Cell</i> , 2013, 26, 565-577.	7.0	271
7	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.	2.5	265
8	Basophil-Derived Interleukin-4 Controls the Function of Natural Helper Cells, a Member of ILC2s, in Lung Inflammation. <i>Immunity</i> , 2014, 40, 758-771.	14.3	263
9	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.	3.5	233
10	Acetate-mediated novel survival strategy against drought in plants. <i>Nature Plants</i> , 2017, 3, 17097.	9.3	232
11	The Hbo1-Brd1/Brpf2 complex is responsible for global acetylation of H3K14 and required for fetal liver erythropoiesis. <i>Blood</i> , 2011, 118, 2443-2453.	1.4	168
12	Arabidopsis HDA6 Regulates Locus-Directed Heterochromatin Silencing in Cooperation with MET1. <i>PLoS Genetics</i> , 2011, 7, e1002055.	3.5	148
13	The epigenetic regulator Uhrf1 facilitates the proliferation and maturation of colonic regulatory T cells. <i>Nature Immunology</i> , 2014, 15, 571-579.	14.5	147
14	Whole genome association study of rheumatoid arthritis using 27,039 microsatellites. <i>Human Molecular Genetics</i> , 2005, 14, 2305-2321.	2.9	122
15	Scratch regulates neuronal migration onset via an epithelial-mesenchymal transition-like mechanism. <i>Nature Neuroscience</i> , 2013, 16, 416-425.	14.8	116
16	Genome-wide analysis of endogenous abscisic acid-mediated transcription in dry and imbibed seeds of Arabidopsis using tiling arrays. <i>Plant Journal</i> , 2010, 62, 39-51.	5.7	109
17	A Stress-Activated Transposon in Arabidopsis Induces Transgenerational Abscisic Acid Insensitivity. <i>Scientific Reports</i> , 2016, 6, 23181.	3.3	106
18	PCGF6-PRC1 suppresses premature differentiation of mouse embryonic stem cells by regulating germ cell-related genes. <i>ELife</i> , 2017, 6, .	6.0	99

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19	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.	7.0	96
20	Role of SOX17 in hematopoietic development from human embryonic stem cells. <i>Blood</i> , 2013, 121, 447-458.	1.4	87
21	STAT5 Activation Correlates with Erythropoietin Receptor-mediated Erythroid Differentiation of an Erythroleukemia Cell Line. <i>Journal of Biological Chemistry</i> , 1997, 272, 8149-8152.	3.4	84
22	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.	2.3	84
23	Essential Roles of SATB1 in Specifying T Lymphocyte Subsets. <i>Cell Reports</i> , 2017, 19, 1176-1188.	6.4	82
24	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.	11.1	77
25	Cell Cycle-Dependent Turnover of 5-Hydroxymethyl Cytosine in Mouse Embryonic Stem Cells. <i>PLoS ONE</i> , 2013, 8, e82961.	2.5	73
26	Ash11 Methylates Lys36 of Histone H3 Independently of Transcriptional Elongation to Counteract Polycomb Silencing. <i>PLoS Genetics</i> , 2013, 9, e1003897.	3.5	69
27	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> , 2011, 31, 351-364.	2.3	68
28	Efficient Regeneration of Human V β 24 ⁺ Invariant Natural Killer T Cells and Their Anti-Tumor Activity In Vivo. <i>Stem Cells</i> , 2016, 34, 2852-2860.	3.2	65
29	Maintenance of Undifferentiated State and Self-Renewal of Embryonic Neural Stem Cells by Polycomb Protein Ring1B. <i>Stem Cells</i> , 2009, 27, 1559-1570.	3.2	57
30	Alternative pathway for the development of V β 14 ⁺ NKT cells directly from CD4 ⁺ CD8 ⁻ thymocytes that bypasses the CD4 ⁺ CD8 ⁺ stage. <i>Nature Immunology</i> , 2017, 18, 274-282.	14.5	55
31	Murine induced pluripotent stem cells can be derived from and differentiate into natural killer T cells. <i>Journal of Clinical Investigation</i> , 2010, 120, 2610-2618.	8.2	55
32	KLRG ⁺ invariant natural killer T cells are long-lived effectors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12474-12479.	7.1	46
33	Genome-wide analysis of target genes regulated by HoxB4 in hematopoietic stem and progenitor cells developing from embryonic stem cells. <i>Blood</i> , 2011, 117, e142-e150.	1.4	42
34	Divergence of CpG island promoters: A consequence or cause of evolution?. <i>Development Growth and Differentiation</i> , 2010, 52, 545-554.	1.5	41
35	Priming of lineage-specifying genes by Bcl11b is required for lineage choice in post-selection thymocytes. <i>Nature Communications</i> , 2017, 8, 702.	12.8	41
36	Human NK cell development in hIL-7 and hIL-15 knockin NOD/SCID/IL2rgKO mice. <i>Life Science Alliance</i> , 2019, 2, e201800195.	2.8	41

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37	A Histone Methyltransferase ESET Is Critical for T Cell Development. <i>Journal of Immunology</i> , 2016, 197, 2269-2279.	0.8	33
38	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.	5.9	29
39	CIS1 Interacts with the Y532 of the Prolactin Receptor and Suppresses Prolactin-Dependent STAT5 Activation. <i>Journal of Biochemistry</i> , 2003, 133, 109-113.	1.7	28
40	Arabidopsis Tiling Array Analysis to Identify the Stress-Responsive Genes. <i>Methods in Molecular Biology</i> , 2010, 639, 141-155.	0.9	27
41	Probabilistic nucleotide assembling method for sequencing by hybridization. <i>Bioinformatics</i> , 2004, 20, 2181-2188.	4.1	20
42	Establishment of mouse stem cells that can recapitulate the developmental potential of primitive endoderm. <i>Science</i> , 2022, 375, 574-578.	12.6	16
43	RING1 contributes to early proximal-distal specification of the forelimb bud by restricting Meis2 expression. <i>Development (Cambridge)</i> , 2015, 143, 276-85.	2.5	15
44	Variant PRC1 competes with retinoic acid-related signals to repress <i>Meis2</i> in distal forelimb bud. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	15
45	A Chinese Hamster Ovary Cell Mutant Resistant to Phosphatidylserine Is Defective in Transbilayer Movement of Cell Surface Phosphatidylserine. <i>Experimental Cell Research</i> , 1996, 228, 341-346.	2.6	12
46	Cbfb ²² controls differentiation of and confers homing capacity to prethymic progenitors. <i>Journal of Experimental Medicine</i> , 2018, 215, 595-610.	8.5	12
47	Mouse oocytes suppress miR-322-5p expression in ovarian granulosa cells. <i>Journal of Reproduction and Development</i> , 2016, 62, 393-399.	1.4	11
48	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.	5.4	8
49	Sox17-mediated expression of adherent molecules is required for the maintenance of undifferentiated hematopoietic cluster formation in midgestation mouse embryos. <i>Differentiation</i> , 2020, 115, 53-61.	1.9	7
50	CFC1 is a cancer stemness-regulating factor in neuroblastoma. <i>Oncotarget</i> , 2017, 8, 45046-45059.	1.8	7
51	Highly Reproducible ChIP-on-Chip Analysis to Identify Genome-Wide Protein Binding and Chromatin Status in <i>Arabidopsis thaliana</i> . <i>Methods in Molecular Biology</i> , 2014, 1062, 405-426.	0.9	6
52	Quality control method for RNA-seq using single nucleotide polymorphism allele frequency. <i>Genes To Cells</i> , 2014, 19, 821-829.	1.2	5
53	Jasmonates and Histone deacetylase 6 activate <i>Arabidopsis</i> genome-wide histone acetylation and methylation during the early acute stress response. <i>BMC Biology</i> , 2022, 20, 83.	3.8	5
54	OmicBrowse: a Flash-based high-performance graphics interface for genomic resources. <i>Nucleic Acids Research</i> , 2009, 37, W57-W62.	14.5	4

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55	Pitfalls in global normalization of ChIP-seq data in CD4+ T cells treated with butyrate: A possible solution strategy. <i>Genomics Data</i> , 2014, 2, 176-180.	1.3	3
56	Combined plasma metabolomic and transcriptomic analysis identify histidine as a biomarker and potential contributor in SLE pathogenesis. <i>Rheumatology</i> , 2023, 62, 905-913.	1.9	3
57	O12. Polycomb-dependent regulation for differentiation programs of stem cells and progenitors. <i>Differentiation</i> , 2010, 80, S9-S10.	1.9	1
58	Tu1922 Genome-Wide Epigenomic Analysis of Lamina Propria Mononuclear Cells of Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2012, 142, S-878-S-879.	1.3	0
59	Detecting Linkage between a Trait and a Marker in a Random Mating Population without Pedigree Record. <i>PLoS ONE</i> , 2009, 4, e4956.	2.5	0