

Terumi Kohwi-Shigematsu

List of Publications by Year in descending order

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28
papers

4,062
citations

304743

22
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552781

26
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all docs

30
docs citations

30
times ranked

4038
citing authors

#	ARTICLE	IF	CITATIONS
1	SATB1 packages densely looped, transcriptionally active chromatin for coordinated expression of cytokine genes. <i>Nature Genetics</i> , 2006, 38, 1278-1288.	21.4	496
2	SATB1 reprogrammes gene expression to promote breast tumour growth and metastasis. <i>Nature</i> , 2008, 452, 187-193.	27.8	467
3	SATB1 targets chromatin remodelling to regulate genes over long distances. <i>Nature</i> , 2002, 419, 641-645.	27.8	456
4	Tissue-specific nuclear architecture and gene expression regulated by SATB1. <i>Nature Genetics</i> , 2003, 34, 42-51.	21.4	398
5	The MAR-binding protein SATB1 orchestrates temporal and spatial expression of multiple genes during T-cell development. <i>Genes and Development</i> , 2000, 14, 521-535.	5.9	337
6	Guidance of regulatory T cell development by Satb1-dependent super-enhancer establishment. <i>Nature Immunology</i> , 2017, 18, 173-183.	14.5	300
7	p63 regulates <i>Satb1</i> to control tissue-specific chromatin remodeling during development of the epidermis. <i>Journal of Cell Biology</i> , 2011, 194, 825-839.	5.2	160
8	Poly(ADP-ribose) Polymerase and Ku Autoantigen Form a Complex and Synergistically Bind to Matrix Attachment Sequences. <i>Journal of Biological Chemistry</i> , 1999, 274, 20521-20528.	3.4	153
9	The Genomic Sequences Bound to Special AT-rich Sequence-binding Protein 1 (SATB1) In Vivo in Jurkat T Cells Are Tightly Associated with the Nuclear Matrix at the Bases of the Chromatin Loops. <i>Journal of Cell Biology</i> , 1998, 141, 335-348.	5.2	148
10	Torsional stress stabilizes extended base unpairing in suppressor sites flanking immunoglobulin heavy chain enhancer. <i>Biochemistry</i> , 1990, 29, 9551-9560.	2.5	137
11	<i>Satb1</i> and <i>Satb2</i> regulate embryonic stem cell differentiation and <i>Nanog</i> expression. <i>Genes and Development</i> , 2009, 23, 2625-2638.	5.9	125
12	SATB1 Cleavage by Caspase 6 Disrupts PDZ Domain-Mediated Dimerization, Causing Detachment from Chromatin Early in T-Cell Apoptosis. <i>Molecular and Cellular Biology</i> , 2001, 21, 5591-5604.	2.3	119
13	Genome organizing function of SATB1 in tumor progression. <i>Seminars in Cancer Biology</i> , 2013, 23, 72-79.	9.6	117
14	An Atypical Homeodomain in SATB1 Promotes Specific Recognition of the Key Structural Element in a Matrix Attachment Region. <i>Journal of Biological Chemistry</i> , 1997, 272, 11463-11470.	3.4	105
15	The <i>Satb1</i> Protein Directs Hematopoietic Stem Cell Differentiation toward Lymphoid Lineages. <i>Immunity</i> , 2013, 38, 1105-1115.	14.3	100
16	A Thymocyte Factor SATB1 Suppresses Transcription of Stably Integrated Matrix-Attachment Region-Linked Reporter Genes. <i>Biochemistry</i> , 1997, 36, 12005-12010.	2.5	79
17	<i>Satb1</i> Ablation Alters Temporal Expression of Immediate Early Genes and Reduces Dendritic Spine Density during Postnatal Brain Development. <i>Molecular and Cellular Biology</i> , 2012, 32, 333-347.	2.3	79
18	Required enhancer-matrix network interactions for a homeodomain transcription program. <i>Nature</i> , 2014, 514, 257-261.	27.8	63

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19	SATB1 Plays a Critical Role in Establishment of Immune Tolerance. <i>Journal of Immunology</i> , 2016, 196, 563-572.	0.8	53
20	An anti-silencerâ€ and SATB1-dependent chromatin hub regulates <i>Rag1</i> and <i>Rag2</i> gene expression during thymocyte development. <i>Journal of Experimental Medicine</i> , 2015, 212, 809-824.	8.5	48
21	SATB1-mediated functional packaging of chromatin into loops. <i>Methods</i> , 2012, 58, 243-254.	3.8	40
22	Satb1 regulates the effector program of encephalitogenic tissue Th17 cells in chronic inflammation. <i>Nature Communications</i> , 2019, 10, 549.	12.8	28
23	SATB1 establishes ameloblast cell polarity and regulates directional amelogenin secretion for enamel formation. <i>BMC Biology</i> , 2019, 17, 104.	3.8	20
24	ATM Suppresses SATB1-Induced Malignant Progression in Breast Epithelial Cells. <i>PLoS ONE</i> , 2012, 7, e51786.	2.5	20
25	Linking chromatin architecture to cellular phenotype: BUR-binding proteins in cancer. <i>Journal of Cellular Biochemistry</i> , 2000, 79, 36-45.	2.6	11
26	The Bloom Syndrome Protein BLM Is Selectively Cleaved during Apoptotic Cell Death. <i>Scientific World Journal</i> , The, 2001, 1, 34-34.	2.1	1
27	Increased Indoleamine 2,3-Dioxygenase Levels at the Onset of Sjögrenâ€™s Syndrome in SATB1-Conditional Knockout Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10125.	4.1	1
28	SATB1-dependent mitochondrial ROS production controls TCR signaling in CD4 T cells. <i>Life Science Alliance</i> , 2021, 4, e202101093.	2.8	0