Rudolf Grosschedl

List of Publications by Year
in descending order

49 papers	9,680 citations	126901 33 h-index	206102 48 g-index
50 all docs	50 docs citations	50 times ranked	12288 citing authors

#	Article	IF	Citations
1	Functional interaction of Î²-catenin with the transcription factor LEF-1. Nature, 1996, 382, 638-642.	27.8	2,720
2	Integrated genomic analysis identifies recurrent mutations and evolution patterns driving the initiation and progression of follicular lymphoma. Nature Genetics, 2014, 46, 176-181.	21.4	624
3	Failure of B-cell differentiation in mice lacking the transcription factor EBF. Nature, 1995, 376, 263-267.	27.8	603
4	Structural basis for DNA bending by the architectural transcription factor LEF-1. Nature, 1995, 376, 791-795.	27.8	582
5	Satb2 Regulates Callosal Projection Neuron Identity in the Developing Cerebral Cortex. Neuron, 2008, 57, 364-377.	8.1	581
6	SATB2 Is a Multifunctional Determinant of Craniofacial Patterning and Osteoblast Differentiation. Cell, 2006, 125, 971-986.	28.9	458
7	Dynamics and interplay of nuclear architecture, genome organization, and gene expression. Genes and Development, 2007, 21, 3027-3043.	5.9	358
8	Coordinate Regulation of B Cell Differentiation by the Transcription Factors EBF and E2A. Immunity, 1999, 11, 21-31.	14.3	293
9	EBF and E47 Collaborate to Induce Expression of the Endogenous Immunoglobulin Surrogate Light Chain Genes. Immunity, 1997, 7, 25-36.	14.3	247
10	Extension of chromatin accessibility by nuclear matrix attachment regions. Nature, 1997, 385, 269-272.	27.8	237
11	SUMO modification of a novel MAR-binding protein, SATB2, modulates immunoglobulin Â gene expression. Genes and Development, 2003, 17, 3048-3061.	5.9	233
12	Transcription factor EBF restricts alternative lineage options and promotes B cell fate commitment independently of Pax5. Nature Immunology, 2008, 9, 203-215.	14.5	215
13	Assembling a Gene Regulatory Network for Specification of the B Cell Fate. Developmental Cell, 2004, 7, 607-617.	7.0	212
14	Early B Cell Factor 1 Regulates B Cell Gene Networks by Activation, Repression, and Transcription-Independent Poising of Chromatin. Immunity, 2010, 32, 714-725.	14.3	191
15	Transcription factor EBF1 is essential for the maintenance of B cell identity and prevention of alternative fates in committed cells. Nature Immunology, 2013, 14, 867-875.	14.5	168
16	Distinct Promoters Mediate the Regulation of Ebf1 Gene Expression by Interleukin-7 and Pax5. Molecular and Cellular Biology, 2007, 27, 579-594.	2.3	150
17	Satb2 Regulates the Differentiation of Both Callosal and Subcerebral Projection Neurons in the Developing Cerebral Cortex. Cerebral Cortex, 2015, 25, 3406-3419.	2.9	137
18	Transcription factor Ebf1 regulates differentiation stage-specific signaling, proliferation, and survival of B cells. Genes and Development, 2012, 26, 668-682.	5.9	134

#	Article	IF	Citations
19	Satb1 and Satb2 regulate embryonic stem cell differentiation and Nanog expression. Genes and Development, 2009, 23, 2625-2638.	5.9	125
20	Transcription control of early B cell differentiation. Current Opinion in Immunology, 2010, 22, 161-167.	5.5	117
21	The regulatory network of Bâ€cell differentiation: a focused view of early Bâ€cell factor 1 function. Immunological Reviews, 2014, 261, 102-115.	6.0	113
22	EBF2 Regulates Osteoblast-Dependent Differentiation of Osteoclasts. Developmental Cell, 2005, 9, 757-767.	7.0	107
23	Pioneering Activity of the C-Terminal Domain of EBF1 Shapes the Chromatin Landscape for B Cell Programming. Immunity, 2016, 44, 527-541.	14.3	102
24	Depletion of the predominant B-cell population in immunoglobulin Âμ heavy-chain transgenic mice. Nature, 1987, 329, 71-73.	27.8	101
25	MZB1 is a GRP94 cochaperone that enables proper immunoglobulin heavy chain biosynthesis upon ER stress. Genes and Development, 2014, 28, 1165-1178.	5.9	95
26	Mzb1 Protein Regulates Calcium Homeostasis, Antibody Secretion, and Integrin Activation in Innate-like B Cells. Immunity, 2010, 33, 723-735.	14.3	92
27	Revisiting the role of IRF3 in inflammation and immunity by conditional and specifically targeted gene ablation in mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5253-5258.	7.1	77
28	Dynamic EBF1 occupancy directs sequential epigenetic and transcriptional events in B-cell programming. Genes and Development, 2018, 32, 96-111.	5.9	76
29	Cochaperone Mzb1 is a key effector of Blimp1 in plasma cell differentiation and Î²1-integrin function. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9630-E9639.	7.1	52
30	Structure of an Ebf1:DNA complex reveals unusual DNA recognition and structural homology with Rel proteins. Genes and Development, 2010, 24, 2270-2275.	5.9	47
31	A Prion-like Domain in Transcription Factor EBF1 Promotes Phase Separation and Enables B Cell Programming of Progenitor Chromatin. Immunity, 2020, 53, 1151-1167.e6.	14.3	47
32	Early B Cell Factor 2 Regulates Hematopoietic Stem Cell Homeostasis in a Cell-Nonautonomous Manner. Cell Stem Cell, 2010, 7, 496-507.	11.1	44
33	Satb2 Is Required for the Development of a Spinal Exteroceptive Microcircuit that Modulates Limb Position. Neuron, 2016, 91, 763-776.	8.1	42
34	Defining B Cell Chromatin: Lessons from EBF1. Trends in Genetics, 2018, 34, 257-269.	6.7	35
35	DNA methylation signatures reveal that distinct combinations of transcription factors specify human immune cell epigenetic identity. Immunity, 2021, 54, 2465-2480.e5.	14.3	31
36	EBF1-deficient bone marrow stroma elicits persistent changes in HSC potential. Nature Immunology, 2020, 21, 261-273.	14.5	30

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37	Interaction of CCR4â€“NOT with EBF1 regulates gene-specific transcription and mRNA stability in B lymphopoiesis. Genes and Development, 2016, 30, 2310-2324.	5.9	29
38	Active intermixing of indirect and direct neurons builds the striatal mosaic. Nature Communications, 2018, 9, 4725.	12.8	28
39	Comprehensive Proteomic Investigation of Ebf1 Heterozygosity in Pro-B Lymphocytes Utilizing Data Independent Acquisition. Journal of Proteome Research, 2018, 17, 76-85.	3.7	21
40	Role of transcription factors in commitment and differentiation of early B lymphoid cells. Seminars in Immunology, 2006, 18, 12-19.	5.6	20
41	Interactions between lineageâ€associated transcription factors govern haematopoietic progenitor states. EMBO Journal, 2020, 39, e104983.	7.8	20
42	Enhancer decommissioning by Snail1-induced competitive displacement of TCF7L2 and down-regulation of transcriptional activators results in EPHB2 silencing. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1353-1367.	1.9	18
43	Identification of the regions involved in DNA binding by the mouse PEBP2Î± protein. FEBS Letters, 2000, 470, 125-130.	2.8	15
44	EBF1 and Pax5 safeguard leukemic transformation by limiting IL-7 signaling, Myc expression, and folate metabolism. Genes and Development, 2020, 34, 1503-1519.	5.9	15
45	Establishment and Maintenance of B Cell Identity. Cold Spring Harbor Symposia on Quantitative Biology, 2013, 78, 23-30.	1.1	13
46	MZB1 enables efficient interferon Î± secretion in stimulated plasmacytoid dendritic cells. Scientific Reports, 2020, 10, 21626.	3.3	12
47	ZFP451-mediated SUMOylation of SATB2 drives embryonic stem cell differentiation. Genes and Development, 2021, 35, 1142-1160.	5.9	9
48	EBF1 promotes triple-negative breast cancer progression by surveillance of the HIF1Î± pathway. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	4
49	How to resist Notch-targeted T-leukemia therapy: Lineage- and MYC enhancer switch. Molecular Cell, 2022, 82, 884-886.	9.7	0