Rudolf Grosschedl

List of Publications by Year
in descending order

49 papers	9,680 citations	145106 33 h-index	232693 48 g-index
50 all docs	50 docs citations	50 times ranked	13593 citing authors

#	Article	IF	Citations
1	How to resist Notch-targeted T-leukemia therapy: Lineage- and MYC enhancer switch. Molecular Cell, 2022, 82, 884-886.	4.5	0
2	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, .	3.3	4
3	ZFP451-mediated SUMOylation of SATB2 drives embryonic stem cell differentiation. Genes and Development, 2021, 35, 1142-1160.	2.7	9
4	DNA methylation signatures reveal that distinct combinations of transcription factors specify human immune cell epigenetic identity. Immunity, 2021, 54, 2465-2480.e5.	6.6	31
5	EBF1 and Pax5 safeguard leukemic transformation by limiting IL-7 signaling, Myc expression, and folate metabolism. Genes and Development, 2020, 34, 1503-1519.	2.7	15
6	Interactions between lineageâ€associated transcription factors govern haematopoietic progenitor states. EMBO Journal, 2020, 39, e104983.	3.5	20
7	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.	6.6	47
8	EBF1-deficient bone marrow stroma elicits persistent changes in HSC potential. Nature Immunology, 2020, 21, 261-273.	7.0	30
9	MZB1 enables efficient interferon Î± secretion in stimulated plasmacytoid dendritic cells. Scientific Reports, 2020, 10, 21626.	1.6	12
10	Dynamic EBF1 occupancy directs sequential epigenetic and transcriptional events in B-cell programming. Genes and Development, 2018, 32, 96-111.	2.7	76
11	Defining B Cell Chromatin: Lessons from EBF1. Trends in Genetics, 2018, 34, 257-269.	2.9	35
12	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.	3.3	77
13	Comprehensive Proteomic Investigation of Ebf1 Heterozygosity in Pro-B Lymphocytes Utilizing Data Independent Acquisition. Journal of Proteome Research, 2018, 17, 76-85.	1.8	21
14	Active intermixing of indirect and direct neurons builds the striatal mosaic. Nature Communications, 2018, 9, 4725.	5.8	28
15	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.	3.3	52
16	Satb2 Is Required for the Development of a Spinal Exteroceptive Microcircuit that Modulates Limb Position. Neuron, 2016, 91, 763-776.	3.8	42
17	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.	0.9	18
18	Interaction of CCR4â€“NOT with EBF1 regulates gene-specific transcription and mRNA stability in B lymphopoiesis. Genes and Development, 2016, 30, 2310-2324.	2.7	29

#	Article	IF	Citations
19	Pioneering Activity of the C-Terminal Domain of EBF1 Shapes the Chromatin Landscape for B Cell Programming. Immunity, 2016, 44, 527-541.	6.6	102
20	Satb2 Regulates the Differentiation of Both Callosal and Subcerebral Projection Neurons in the Developing Cerebral Cortex. Cerebral Cortex, 2015, 25, 3406-3419.	1.6	137
21	MZB1 is a GRP94 cochaperone that enables proper immunoglobulin heavy chain biosynthesis upon ER stress. Genes and Development, 2014, 28, 1165-1178.	2.7	95
22	Integrated genomic analysis identifies recurrent mutations and evolution patterns driving the initiation and progression of follicular lymphoma. Nature Genetics, 2014, 46, 176-181.	9.4	624
23	The regulatory network of Bâ€cell differentiation: a focused view of early Bâ€cell factor 1 function. Immunological Reviews, 2014, 261, 102-115.	2.8	113
24	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.	7.0	168
25	Establishment and Maintenance of B Cell Identity. Cold Spring Harbor Symposia on Quantitative Biology, 2013, 78, 23-30.	2.0	13
26	Transcription factor Ebf1 regulates differentiation stage-specific signaling, proliferation, and survival of B cells. Genes and Development, 2012, 26, 668-682.	2.7	134
27	Structure of an Ebf1:DNA complex reveals unusual DNA recognition and structural homology with Rel proteins. Genes and Development, 2010, 24, 2270-2275.	2.7	47
28	Early B Cell Factor 1 Regulates B Cell Gene Networks by Activation, Repression, and Transcription-Independent Poising of Chromatin. Immunity, 2010, 32, 714-725.	6.6	191
29	Transcription control of early B cell differentiation. Current Opinion in Immunology, 2010, 22, 161-167.	2.4	117
30	Mzb1 Protein Regulates Calcium Homeostasis, Antibody Secretion, and Integrin Activation in Innate-like B Cells. Immunity, 2010, 33, 723-735.	6.6	92
31	Early B Cell Factor 2 Regulates Hematopoietic Stem Cell Homeostasis in a Cell-Nonautonomous Manner. Cell Stem Cell, 2010, 7, 496-507.	5.2	44
32	Satb1 and Satb2 regulate embryonic stem cell differentiation and Nanog expression. Genes and Development, 2009, 23, 2625-2638.	2.7	125
33	Transcription factor EBF restricts alternative lineage options and promotes B cell fate commitment independently of Pax5. Nature Immunology, 2008, 9, 203-215.	7.0	215
34	Satb2 Regulates Callosal Projection Neuron Identity in the Developing Cerebral Cortex. Neuron, 2008, 57, 364-377.	3.8	581
35	Distinct Promoters Mediate the Regulation of Ebf1 Gene Expression by Interleukin-7 and Pax5. Molecular and Cellular Biology, 2007, 27, 579-594.	1.1	150
36	Dynamics and interplay of nuclear architecture, genome organization, and gene expression. Genes and Development, 2007, 21, 3027-3043.	2.7	358

#	Article	IF	Citations
37	SATB2 Is a Multifunctional Determinant of Craniofacial Patterning and Osteoblast Differentiation. Cell, 2006, 125, 971-986.	13.5	458
38	Role of transcription factors in commitment and differentiation of early B lymphoid cells. Seminars in Immunology, 2006, 18, 12-19.	2.7	20
39	EBF2 Regulates Osteoblast-Dependent Differentiation of Osteoclasts. Developmental Cell, 2005, 9, 757-767.	3.1	107
40	Assembling a Gene Regulatory Network for Specification of the B Cell Fate. Developmental Cell, 2004, 7, 607-617.	3.1	212
41	SUMO modification of a novel MAR-binding protein, SATB2, modulates immunoglobulin Â gene expression. Genes and Development, 2003, 17, 3048-3061.	2.7	233
42	Identification of the regions involved in DNA binding by the mouse PEBP2Î± protein. FEBS Letters, 2000, 470, 125-130.	1.3	15
43	Coordinate Regulation of B Cell Differentiation by the Transcription Factors EBF and E2A. Immunity, 1999, 11, 21-31.	6.6	293
44	EBF and E47 Collaborate to Induce Expression of the Endogenous Immunoglobulin Surrogate Light Chain Genes. Immunity, 1997, 7, 25-36.	6.6	247
45	Extension of chromatin accessibility by nuclear matrix attachment regions. Nature, 1997, 385, 269-272.	13.7	237
46	Functional interaction of Î²-catenin with the transcription factor LEF-1. Nature, 1996, 382, 638-642.	13.7	2,720
47	Failure of B-cell differentiation in mice lacking the transcription factor EBF. Nature, 1995, 376, 263-267.	13.7	603
48	Structural basis for DNA bending by the architectural transcription factor LEF-1. Nature, 1995, 376, 791-795.	13.7	582
49	Depletion of the predominant B-cell population in immunoglobulin Âμ heavy-chain transgenic mice. Nature, 1987, 329, 71-73.	13.7	101