

# Meinrad J Busslinger

## List of Publications by Citations

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183  
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h-index

154  
g-index

188  
ext. papers

26,942  
ext. citations

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6.59  
L-index

#	Paper	IF	Citations
183	Transcription termination and 3Rprocessing: the end is in site!. <i>Cell</i> , <b>1985</b> , 41, 349-59	56.2	1475
182	Commitment to the B-lymphoid lineage depends on the transcription factor Pax5. <i>Nature</i> , <b>1999</b> , 401, 556-62	50.4	925
181	Differentiation of type 1 ILCs from a common progenitor to all helper-like innate lymphoid cell lineages. <i>Cell</i> , <b>2014</b> , 157, 340-356	56.2	746
180	Complete block of early B cell differentiation and altered patterning of the posterior midbrain in mice lacking Pax5/BSAP. <i>Cell</i> , <b>1994</b> , 79, 901-12	56.2	670
179	The transcription factor GATA-3 controls cell fate and maintenance of type 2 innate lymphoid cells. <i>Immunity</i> , <b>2012</b> , 37, 634-48	32.3	612
178	Hobit and Blimp1 instruct a universal transcriptional program of tissue residency in lymphocytes. <i>Science</i> , <b>2016</b> , 352, 459-63	33.3	495
177	MUCOSAL IMMUNOLOGY. The microbiota regulates type 2 immunity through ROR $\gamma$ <sup>+</sup> T cells. <i>Science</i> , <b>2015</b> , 349, 989-93	33.3	494
176	Pax-5 encodes the transcription factor BSAP and is expressed in B lymphocytes, the developing CNS, and adult testis. <i>Genes and Development</i> , <b>1992</b> , 6, 1589-607	12.6	432
175	Pax5: the guardian of B cell identity and function. <i>Nature Immunology</i> , <b>2007</b> , 8, 463-70	19.1	427
174	The transcription factors Blimp-1 and IRF4 jointly control the differentiation and function of effector regulatory T cells. <i>Nature Immunology</i> , <b>2011</b> , 12, 304-11	19.1	405
173	DNA methylation and the regulation of globin gene expression. <i>Cell</i> , <b>1983</b> , 34, 197-206	56.2	404
172	Mutually exclusive interaction of the CCAAT-binding factor and of a displacement protein with overlapping sequences of a histone gene promoter. <i>Cell</i> , <b>1987</b> , 50, 347-59	56.2	403
171	Transcriptional control of early B cell development. <i>Annual Review of Immunology</i> , <b>2004</b> , 22, 55-79	34.7	387
170	Conversion of mature B cells into T cells by dedifferentiation to uncommitted progenitors. <i>Nature</i> , <b>2007</b> , 449, 473-7	50.4	381
169	Nephric lineage specification by Pax2 and Pax8. <i>Genes and Development</i> , <b>2002</b> , 16, 2958-70	12.6	376
168	PAX8 mutations associated with congenital hypothyroidism caused by thyroid dysgenesis. <i>Nature Genetics</i> , <b>1998</b> , 19, 83-6	36.3	374
167	Direct regulation of Gata3 expression determines the T helper differentiation potential of Notch. <i>Immunity</i> , <b>2007</b> , 27, 89-99	32.3	323

166	Essential functions of Pax5 (BSAP) in pro-B cell development: difference between fetal and adult B lymphopoiesis and reduced V-to-DJ recombination at the IgH locus. <i>Genes and Development</i> , <b>1997</b> , 11, 476-91	12.6	322
165	Long-term in vivo reconstitution of T-cell development by Pax5-deficient B-cell progenitors. <i>Nature</i> , <b>1999</b> , 401, 603-6	50.4	318
164	DNA sequence recognition by Pax proteins: bipartite structure of the paired domain and its binding site. <i>Genes and Development</i> , <b>1993</b> , 7, 2048-61	12.6	314
163	A chromatin-wide transition to H4K20 monomethylation impairs genome integrity and programmed DNA rearrangements in the mouse. <i>Genes and Development</i> , <b>2008</b> , 22, 2048-61	12.6	310
162	twin of eyeless, a second Pax-6 gene of Drosophila, acts upstream of eyeless in the control of eye development. <i>Molecular Cell</i> , <b>1999</b> , 3, 297-307	17.6	309
161	Pax5 induces V-to-DJ rearrangements and locus contraction of the immunoglobulin heavy-chain gene. <i>Genes and Development</i> , <b>2004</b> , 18, 411-22	12.6	306
160	Tlx3 and Tlx1 are post-mitotic selector genes determining glutamatergic over GABAergic cell fates. <i>Nature Neuroscience</i> , <b>2004</b> , 7, 510-7	25.5	274
159	Gene repression by Pax5 in B cells is essential for blood cell homeostasis and is reversed in plasma cells. <i>Immunity</i> , <b>2006</b> , 24, 269-81	32.3	269
158	CXCR5(+) follicular cytotoxic T cells control viral infection in B cell follicles. <i>Nature Immunology</i> , <b>2016</b> , 17, 1187-96	19.1	267
157	Pax 2/8-regulated Gata 3 expression is necessary for morphogenesis and guidance of the nephric duct in the developing kidney. <i>Development (Cambridge)</i> , <b>2006</b> , 133, 53-61	6.6	239
156	Identification of BSAP (Pax-5) target genes in early B-cell development by loss- and gain-of-function experiments. <i>EMBO Journal</i> , <b>1998</b> , 17, 2319-33	13	237
155	Reversion of B cell commitment upon loss of Pax5 expression. <i>Science</i> , <b>2002</b> , 297, 110-3	33.3	232
154	Activation of an inducible c-FosER fusion protein causes loss of epithelial polarity and triggers epithelial-fibroblastoid cell conversion. <i>Cell</i> , <b>1992</b> , 71, 1103-16	56.2	218
153	Transcriptional repression by Pax5 (BSAP) through interaction with corepressors of the Groucho family. <i>EMBO Journal</i> , <b>2000</b> , 19, 2292-303	13	215
152	Beta + thalassemia: aberrant splicing results from a single point mutation in an intron. <i>Cell</i> , <b>1981</b> , 27, 289-98	56.2	210
151	Transcription factor Pax5 activates the chromatin of key genes involved in B cell signaling, adhesion, migration, and immune function. <i>Immunity</i> , <b>2007</b> , 27, 49-63	32.3	206
150	Role of STAT5 in controlling cell survival and immunoglobulin gene recombination during pro-B cell development. <i>Nature Immunology</i> , <b>2010</b> , 11, 171-9	19.1	203
149	Locus contraction and centromeric recruitment contribute to allelic exclusion of the immunoglobulin heavy-chain gene. <i>Nature Immunology</i> , <b>2005</b> , 6, 31-41	19.1	202

148	CTCF-binding elements mediate control of V(D)J recombination. <i>Nature</i> , <b>2011</b> , 477, 424-30	50.4	201
147	Pax5/BSAP maintains the identity of B cells in late B lymphopoiesis. <i>Immunity</i> , <b>2001</b> , 14, 779-90	32.3	198
146	A novel B-cell lineage-specific transcription factor present at early but not late stages of differentiation. <i>Genes and Development</i> , <b>1990</b> , 4, 849-59	12.6	197
145	Blimp-1 controls plasma cell function through the regulation of immunoglobulin secretion and the unfolded protein response. <i>Nature Immunology</i> , <b>2016</b> , 17, 323-30	19.1	194
144	Multifunctional role of the transcription factor Blimp-1 in coordinating plasma cell differentiation. <i>Nature Immunology</i> , <b>2016</b> , 17, 331-43	19.1	193
143	Instructive role of the transcription factor E2A in early B lymphopoiesis and germinal center B cell development. <i>Immunity</i> , <b>2008</b> , 28, 751-62	32.3	193
142	Epigenetic regulation of brain region-specific microglia clearance activity. <i>Nature Neuroscience</i> , <b>2018</b> , 21, 1049-1060	25.5	189
141	Pax5 promotes B lymphopoiesis and blocks T cell development by repressing Notch1. <i>Immunity</i> , <b>2002</b> , 17, 781-93	32.3	181
140	Chromosomal localization of seven PAX genes and cloning of a novel family member, PAX-9. <i>Nature Genetics</i> , <b>1993</b> , 3, 292-8	36.3	176
139	Rotational diffusion of band 3 proteins in the human erythrocyte membrane. <i>Nature</i> , <b>1976</b> , 263, 389-93	50.4	171
138	A kinase-independent function of CDK6 links the cell cycle to tumor angiogenesis. <i>Cancer Cell</i> , <b>2013</b> , 24, 167-81	24.3	169
137	Mcl-1 is essential for germinal center formation and B cell memory. <i>Science</i> , <b>2010</b> , 330, 1095-9	33.3	161
136	Thymic B Cells Are Licensed to Present Self Antigens for Central T Cell Tolerance Induction. <i>Immunity</i> , <b>2015</b> , 42, 1048-61	32.3	152
135	A selective transcriptional induction system for mammalian cells based on Gal4-estrogen receptor fusion proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1993</b> , 90, 1657-61	11.5	152
134	Ubiquitous and gene-specific regulatory 5Rsequences in a sea urchin histone DNA clone coding for histone protein variants. <i>Nucleic Acids Research</i> , <b>1980</b> , 8, 957-77	20.1	150
133	Stepwise activation of enhancer and promoter regions of the B cell commitment gene Pax5 in early lymphopoiesis. <i>Immunity</i> , <b>2009</b> , 30, 508-20	32.3	146
132	The B-cell identity factor Pax5 regulates distinct transcriptional programmes in early and late B lymphopoiesis. <i>EMBO Journal</i> , <b>2012</b> , 31, 3130-46	13	145
131	Stage-specific control of early B cell development by the transcription factor Ikaros. <i>Nature Immunology</i> , <b>2014</b> , 15, 283-93	19.1	144

130	Deregulation of PAX-5 by translocation of the Emu enhancer of the IgH locus adjacent to two alternative PAX-5 promoters in a diffuse large-cell lymphoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 6129-34	11.5	144
129	Pax5: a master regulator of B cell development and leukemogenesis. <i>Advances in Immunology</i> , <b>2011</b> , 111, 179-206	5.6	141
128	The estrogen-dependent c-JunER protein causes a reversible loss of mammary epithelial cell polarity involving a destabilization of adherens junctions. <i>Journal of Cell Biology</i> , <b>1996</b> , 132, 1115-32	7.3	138
127	Cooperation of Pax2 and Pax5 in midbrain and cerebellum development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 5703-8	11.5	136
126	Control of pre-BCR signaling by Pax5-dependent activation of the BLNK gene. <i>Immunity</i> , <b>2002</b> , 17, 473-85	2.3	130
125	Alternatively spliced insertions in the paired domain restrict the DNA sequence specificity of Pax6 and Pax8. <i>EMBO Journal</i> , <b>1997</b> , 16, 6793-803	13	129
124	Distinct promoters mediate the regulation of Ebf1 gene expression by interleukin-7 and Pax5. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 579-94	4.8	128
123	The transcriptional repressor CDP (Cutl1) is essential for epithelial cell differentiation of the lung and the hair follicle. <i>Genes and Development</i> , <b>2001</b> , 15, 2307-19	12.6	127
122	Transcriptional control of B-cell development. <i>Current Opinion in Immunology</i> , <b>2002</b> , 14, 216-23	7.8	125
121	Derivation of 2 categories of plasmacytoid dendritic cells in murine bone marrow. <i>Blood</i> , <b>2005</b> , 105, 4407-15	7.15	121
120	Independent regulation of the two Pax5 alleles during B-cell development. <i>Nature Genetics</i> , <b>1999</b> , 21, 390-5	36.3	121
119	Reversible contraction by looping of the Tcra and Tcrb loci in rearranging thymocytes. <i>Nature Immunology</i> , <b>2007</b> , 8, 378-87	19.1	120
118	Conserved biological function between Pax-2 and Pax-5 in midbrain and cerebellum development: evidence from targeted mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 14518-23	11.5	119
117	The distal V(H) gene cluster of the Igh locus contains distinct regulatory elements with Pax5 transcription factor-dependent activity in pro-B cells. <i>Immunity</i> , <b>2011</b> , 34, 175-87	32.3	116
116	The mammalian tRNA ligase complex mediates splicing of XBP1 mRNA and controls antibody secretion in plasma cells. <i>EMBO Journal</i> , <b>2014</b> , 33, 2922-36	13	114
115	RAG-1 and ATM coordinate monoallelic recombination and nuclear positioning of immunoglobulin loci. <i>Nature Immunology</i> , <b>2009</b> , 10, 655-64	19.1	114
114	Pax2 and Pax8 cooperate in mouse inner ear morphogenesis and innervation. <i>BMC Developmental Biology</i> , <b>2010</b> , 10, 89	3.1	111
113	Postnatal development of the murine cerebellar cortex: formation and early dispersal of basket, stellate and Golgi neurons. <i>European Journal of Neuroscience</i> , <b>2006</b> , 24, 466-78	3.5	110

112	Deregulated expression of PAX5 in medulloblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1995</b> , 92, 5709-13	11.5	109
111	Distinct regulators control the expression of the mid-hindbrain organizer signal FGF8. <i>Nature Neuroscience</i> , <b>2001</b> , 4, 1175-81	25.5	108
110	Opposing roles of polycomb repressive complexes in hematopoietic stem and progenitor cells. <i>Blood</i> , <b>2010</b> , 116, 731-9	2.2	104
109	Tissue-specific expression of cre recombinase from the Pax8 locus. <i>Genesis</i> , <b>2004</b> , 38, 105-9	1.9	103
108	The metabolite BH4 controls T cell proliferation in autoimmunity and cancer. <i>Nature</i> , <b>2018</b> , 563, 564-568	50.4	103
107	The transcription factor Pax5 regulates its target genes by recruiting chromatin-modifying proteins in committed B cells. <i>EMBO Journal</i> , <b>2011</b> , 30, 2388-404	13	102
106	Flexible long-range loops in the VH gene region of the Igh locus facilitate the generation of a diverse antibody repertoire. <i>Immunity</i> , <b>2013</b> , 39, 229-44	32.3	101
105	In vitro differentiation of murine embryonic stem cells toward a renal lineage. <i>Differentiation</i> , <b>2007</b> , 75, 337-49	3.5	101
104	Differential requirement for Nfil3 during NK cell development. <i>Journal of Immunology</i> , <b>2014</b> , 192, 2667-76	5.3	99
103	Pax5 determines the identity of B cells from the beginning to the end of B-lymphopoiesis. <i>International Reviews of Immunology</i> , <b>2001</b> , 20, 65-82	4.6	98
102	Hematopoietic precursor cells transiently reestablish permissiveness for X inactivation. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 7167-77	4.8	94
101	A regulatory sequence near the 3' end of sea urchin histone genes. <i>Nucleic Acids Research</i> , <b>1979</b> , 6, 2997-3008	30.8	92
100	Hormone-dependent transcriptional regulation and cellular transformation by Fos-steroid receptor fusion proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1991</b> , 88, 5114-8	11.5	91
99	Essential role of EBF1 in the generation and function of distinct mature B cell types. <i>Journal of Experimental Medicine</i> , <b>2012</b> , 209, 775-92	16.6	88
98	Analysis of Notch1 function by in vitro T cell differentiation of Pax5 mutant lymphoid progenitors. <i>Journal of Immunology</i> , <b>2004</b> , 173, 3935-44	5.3	88
97	Pax2/5 and Pax6 subdivide the early neural tube into three domains. <i>Mechanisms of Development</i> , <b>1999</b> , 82, 29-39	1.7	84
96	Molecular cloning and characterization of a human PAX-7 cDNA expressed in normal and neoplastic myocytes. <i>Nucleic Acids Research</i> , <b>1994</b> , 22, 4574-82	20.1	84
95	Deregulated PAX-5 Transcription From a Translocated IgH Promoter in Marginal Zone Lymphoma. <i>Blood</i> , <b>1998</b> , 92, 3865-3878	2.2	83

94	The sequence GGCmCGG is resistant to MspI cleavage. <i>Nucleic Acids Research</i> , <b>1983</b> , 11, 3559-69	20.1	82
93	Lineage commitment in lymphopoiesis. <i>Current Opinion in Immunology</i> , <b>2000</b> , 12, 151-8	7.8	80
92	Precocious expression of Blimp1 in B cells causes autoimmune disease with increased self-reactive plasma cells. <i>EMBO Journal</i> , <b>2019</b> , 38,	13	80
91	The Helix-Loop-Helix Protein ID2 Governs NK Cell Fate by Tuning Their Sensitivity to Interleukin-15. <i>Immunity</i> , <b>2016</b> , 44, 103-115	32.3	78
90	Modeling Renal Cell Carcinoma in Mice: and Inactivation Drive Tumor Grade. <i>Cancer Discovery</i> , <b>2017</b> , 7, 900-917	24.4	77
89	Epigenetic control of immunity. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2014</b> , 6,	10.2	75
88	Myeloid lineage switch of Pax5 mutant but not wild-type B cell progenitors by C/EBPalpha and GATA factors. <i>EMBO Journal</i> , <b>2003</b> , 22, 3887-97	13	74
87	The role of BSAP (Pax-5) in B-cell development. <i>Current Opinion in Genetics and Development</i> , <b>1995</b> , 5, 595-601	4.9	73
86	GATA-3 regulates the self-renewal of long-term hematopoietic stem cells. <i>Nature Immunology</i> , <b>2013</b> , 14, 1037-44	19.1	71
85	Id2-mediated inhibition of E2A represses memory CD8+ T cell differentiation. <i>Journal of Immunology</i> , <b>2013</b> , 190, 4585-94	5.3	68
84	The activation and maintenance of Pax2 expression at the mid-hindbrain boundary is controlled by separate enhancers. <i>Development (Cambridge)</i> , <b>2002</b> , 129, 307-318	6.6	68
83	STAT5 in B cell development and leukemia. <i>Current Opinion in Immunology</i> , <b>2010</b> , 22, 168-76	7.8	64
82	Epigenetic silencing of the c-fms locus during B-lymphopoiesis occurs in discrete steps and is reversible. <i>EMBO Journal</i> , <b>2004</b> , 23, 4275-85	13	64
81	Loss- and gain-of-function mutations reveal an important role of BSAP (Pax-5) at the start and end of B cell differentiation. <i>Seminars in Immunology</i> , <b>1998</b> , 10, 133-42	10.7	61
80	Molecular functions of the transcription factors E2A and E2-2 in controlling germinal center B cell and plasma cell development. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 1201-21	16.6	57
79	Anabolism-Associated Mitochondrial Stasis Driving Lymphocyte Differentiation over Self-Renewal. <i>Cell Reports</i> , <b>2016</b> , 17, 3142-3152	10.6	57
78	Essential role for the transcription factor Bhlhe41 in regulating the development, self-renewal and BCR repertoire of B-1a cells. <i>Nature Immunology</i> , <b>2017</b> , 18, 442-455	19.1	56
77	Transcription factor YY1 is essential for regulation of the Th2 cytokine locus and for Th2 cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 276-81	11.5	56

76	ICE-proteases mediate HTLV-I Tax-induced apoptotic T-cell death. <i>Oncogene</i> , <b>1997</b> , 14, 2265-72	9.2	54
75	The mechanism of repression of the myeloid-specific c-fms gene by Pax5 during B lineage restriction. <i>EMBO Journal</i> , <b>2006</b> , 25, 1070-80	13	53
74	Developmental regulation of micro-injected histone genes in sea urchin embryos. <i>Developmental Biology</i> , <b>1988</b> , 127, 54-63	3.1	52
73	Cryptic activation of an Irf8 enhancer governs cDC1 fate specification. <i>Nature Immunology</i> , <b>2019</b> , 20, 1161-1173	19.1	51
72	The characterization of novel Pax genes of the sea urchin and Drosophila reveal an ancient evolutionary origin of the Pax2/5/8 subfamily. <i>Mechanisms of Development</i> , <b>1997</b> , 67, 179-92	1.7	51
71	Identification of Pax2-regulated genes by expression profiling of the mid-hindbrain organizer region. <i>Development (Cambridge)</i> , <b>2005</b> , 132, 2633-43	6.6	51
70	Fidelity and infidelity in commitment to B-lymphocyte lineage development. <i>Immunological Reviews</i> , <b>2000</b> , 175, 104-111	11.3	51
69	Synthesis of sperm and late histone cDNAs of the sea urchin with a primer complementary to the conserved 3Rterminal palindrome: evidence for tissue-specific and more general histone gene variants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1985</b> , 82, 5676-80	11.5	51
68	Corecruitment of the Grg4 repressor by PU.1 is critical for Pax5-mediated repression of B-cell-specific genes. <i>EMBO Reports</i> , <b>2004</b> , 5, 291-6	6.5	49
67	The protein CDP, but not CP1, footprints on the CCAAT region of the gamma-globin gene in unfractionated B-cell extracts. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , <b>1989</b> , 1007, 237-42		48
66	Essential functions of Pax-5 (BSAP) in pro-B cell development. <i>Immunobiology</i> , <b>1997</b> , 198, 227-35	3.4	47
65	Developmental plasticity of lymphocytes. <i>Current Opinion in Immunology</i> , <b>2008</b> , 20, 139-48	7.8	47
64	Activation-induced cytidine deaminase expression in CD4+ T cells is associated with a unique IL-10-producing subset that increases with age. <i>PLoS ONE</i> , <b>2011</b> , 6, e29141	3.7	46
63	Oncogenic role of Pax5 in the T-lymphoid lineage upon ectopic expression from the immunoglobulin heavy-chain locus. <i>Blood</i> , <b>2007</b> , 109, 281-9	2.2	46
62	Developmental and tissue-specific regulation of a novel transcription factor of the sea urchin. <i>Genes and Development</i> , <b>1989</b> , 3, 663-75	12.6	45
61	SGLT2 inhibition and renal urate excretion: role of luminal glucose, GLUT9, and URAT1. <i>American Journal of Physiology - Renal Physiology</i> , <b>2019</b> , 316, F173-F185	4.3	45
60	Identification of Fos target genes by the use of selective induction systems. <i>Journal of Cell Science</i> , <b>1992</b> , 16, 97-109	5.3	44
59	Erythropoiesis and globin switching in compound Klf1::Bcl11a mutant mice. <i>Blood</i> , <b>2013</b> , 121, 2553-62	2.2	43



58	B-lymphoid cells with attributes of dendritic cells regulate T cells via indoleamine 2,3-dioxygenase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 10644-8	11.5	41
57	Regulation of DNA replication within the immunoglobulin heavy-chain locus during B cell commitment. <i>PLoS Biology</i> , <b>2012</b> , 10, e1001360	9.7	40
56	Monoallelic expression of Pax5: a paradigm for the haploinsufficiency of mammalian Pax genes?. <i>Biological Chemistry</i> , <b>1999</b> , 380, 601-11	4.5	40
55	An unusual evolutionary behaviour of a sea urchin histone gene cluster. <i>EMBO Journal</i> , <b>1982</b> , 1, 27-33	13	40
54	Paul Ehrlich (1854-1915) and His Contributions to the Foundation and Birth of Translational Medicine. <i>Journal of Innate Immunity</i> , <b>2016</b> , 8, 111-20	6.9	38
53	Reporter gene insertions reveal a strictly B lymphoid-specific expression pattern of Pax5 in support of its B cell identity function. <i>Journal of Immunology</i> , <b>2007</b> , 178, 3031-7	5.3	37
52	Early function of Pax5 (BSAP) before the pre-B cell receptor stage of B lymphopoiesis. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 188, 735-44	16.6	37
51	Lack of nuclear factor-kappa B2/p100 causes a RelB-dependent block in early B lymphopoiesis. <i>Blood</i> , <b>2008</b> , 112, 551-9	2.2	35
50	Low affinity binding of interleukin-1 beta and intracellular signaling via NF-kappa B identify Fit-1 as a distant member of the interleukin-1 receptor family. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 17645-8	5.4	35
49	The activation and maintenance of Pax2 expression at the mid-hindbrain boundary is controlled by separate enhancers. <i>Development (Cambridge)</i> , <b>2002</b> , 129, 307-18	6.6	35
48	Reporter gene insertions reveal a strictly B lymphoid-specific expression pattern of Pax5 in support of its B cell identity function. <i>Journal of Immunology</i> , <b>2007</b> , 178, 8222-8	5.3	33
47	Spatial Regulation of V-(D)J Recombination at Antigen Receptor Loci. <i>Advances in Immunology</i> , <b>2015</b> , 128, 93-121	5.6	32
46	PU.1 cooperates with IRF4 and IRF8 to suppress pre-B-cell leukemia. <i>Leukemia</i> , <b>2016</b> , 30, 1375-87	10.7	31
45	Caffeine-induced diuresis and natriuresis is independent of renal tubular NHE3. <i>American Journal of Physiology - Renal Physiology</i> , <b>2015</b> , 308, F1409-20	4.3	30
44	Ikaros prevents autoimmunity by controlling energy and Toll-like receptor signaling in B cells. <i>Nature Immunology</i> , <b>2019</b> , 20, 1517-1529	19.1	28
43	NK Cell-Specific Gata3 Ablation Identifies the Maturation Program Required for Bone Marrow Exit and Control of Proliferation. <i>Journal of Immunology</i> , <b>2016</b> , 196, 1753-67	5.3	25
42	Wapl repression by Pax5 promotes V gene recombination by Igh loop extrusion. <i>Nature</i> , <b>2020</b> , 584, 142-147	14.4	23
41	Activated Notch counteracts Ikaros tumor suppression in mouse and human T-cell acute lymphoblastic leukemia. <i>Leukemia</i> , <b>2015</b> , 29, 1301-11	10.7	23

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