Meinrad J Busslinger

List of Publications by Year in Descending Order

183 papers	24,086 citations	86 h-index	154 g-index
188 ext. papers	26,942 ext. citations	16.8 avg, IF	6.59 L-index

#	Paper	IF	Citations
183	The PAX5-JAK2 translocation acts as dual-hit mutation that promotes aggressive B-cell leukemia via nuclear STAT5 activation.. *EMBO Journal*, **2022**, e108397	13	3
182	Pax5 regulates B cell immunity by promoting PI3K signaling via PTEN down-regulation. *Science Immunology*, **2021**, 6,	28	3
181	A crucial role for Jagunal homolog 1 in humoral immunity and antibody glycosylation in mice and humans. *Journal of Experimental Medicine*, **2021**, 218,	16.6	2
180	Metabolic regulation by PPAR□is required for IL-33-mediated activation of ILC2s in lung and adipose tissue. *Mucosal Immunology*, **2021**, 14, 585-593	9.2	13
179	Limited access to antigen drives generation of early B cell memory while restraining the plasmablast response. *Immunity*, **2021**, 54, 2005-2023.e10	32.3	12
178	Wapl repression by Pax5 promotes V gene recombination by Igh loop extrusion. *Nature*, **2020**, 584, 142-147	50.4	23
177	Repression of the B cell identity factor Pax5 is not required for plasma cell development. *Journal of Experimental Medicine*, **2020**, 217,	16.6	7
176	Bhlhe40 and Bhlhe41 transcription factors regulate alveolar macrophage self-renewal and identity. *EMBO Journal*, **2019**, 38, e101233	13	21
175	Ikaros prevents autoimmunity by controlling anergy and Toll-like receptor signaling in B cells. *Nature Immunology*, **2019**, 20, 1517-1529	19.1	28
174	Cryptic activation of an Irf8 enhancer governs cDC1 fate specification. *Nature Immunology*, **2019**, 20, 1161-1173	19.1	51
173	SGLT2 inhibition and renal urate excretion: role of luminal glucose, GLUT9, and URAT1. *American Journal of Physiology - Renal Physiology*, **2019**, 316, F173-F185	4.3	45
172	Precocious expression of Blimp1 in B cells causes autoimmune disease with increased self-reactive plasma cells. *EMBO Journal*, **2019**, 38,	13	80
171	Control of B-1a cell development by instructive BCR signaling. *Current Opinion in Immunology*, **2018**, 51, 24-31	7.8	18
170	Epigenetic regulation of brain region-specific microglia clearance activity. *Nature Neuroscience*, **2018**, 21, 1049-1060	25.5	189
169	The metabolite BH4 controls T□cell proliferation in autoimmunity and cancer. *Nature*, **2018**, 563, 564-568	50.4	103
168	Molecular role of the PAX5-ETV6 oncoprotein in promoting B-cell acute lymphoblastic leukemia. *EMBO Journal*, **2017**, 36, 718-735	13	20
167	Essential role for the transcription factor Bhlhe41 in regulating the development, self-renewal and BCR repertoire of B-1a cells. *Nature Immunology*, **2017**, 18, 442-455	19.1	56

166	Modeling Renal Cell Carcinoma in Mice: and Inactivation Drive Tumor Grade. *Cancer Discovery*, **2017**, 7, 900-917	24.4	77
165	Paul Ehrlich (1854-1915) and His Contributions to the Foundation and Birth of Translational Medicine. *Journal of Innate Immunity*, **2016**, 8, 111-20	6.9	38
164	Molecular functions of the transcription factors E2A and E2-2 in controlling germinal center B cell and plasma cell development. *Journal of Experimental Medicine*, **2016**, 213, 1201-21	16.6	57
163	The Helix-Loop-Helix Protein ID2 Governs NK Cell Fate by Tuning Their Sensitivity to Interleukin-15. *Immunity*, **2016**, 44, 103-115	32.3	78
162	Multifunctional role of the transcription factor Blimp-1 in coordinating plasma cell differentiation. *Nature Immunology*, **2016**, 17, 331-43	19.1	193
161	Blimp-1 controls plasma cell function through the regulation of immunoglobulin secretion and the unfolded protein response. *Nature Immunology*, **2016**, 17, 323-30	19.1	194
160	Retrotransposon derepression leads to activation of the unfolded protein response and apoptosis in pro-B cells. *Development (Cambridge)*, **2016**, 143, 1788-99	6.6	16
159	NK Cell-Specific Gata3 Ablation Identifies the Maturation Program Required for Bone Marrow Exit and Control of Proliferation. *Journal of Immunology*, **2016**, 196, 1753-67	5.3	25
158	PU.1 cooperates with IRF4 and IRF8 to suppress pre-B-cell leukemia. *Leukemia*, **2016**, 30, 1375-87	10.7	31
157	Molecular functions of the transcription factors E2A and E2-2 in controlling germinal center B cell and plasma cell development. *Journal of Cell Biology*, **2016**, 213, 2136OIA121	7.3	
156	Anabolism-Associated Mitochondrial Stasis Driving Lymphocyte Differentiation over Self-Renewal. *Cell Reports*, **2016**, 17, 3142-3152	10.6	57
155	Hobit and Blimp1 instruct a universal transcriptional program of tissue residency in lymphocytes. *Science*, **2016**, 352, 459-63	33.3	495
154	CXCR5(+) follicular cytotoxic T cells control viral infection in B cell follicles. *Nature Immunology*, **2016**, 17, 1187-96	19.1	267
153	Caffeine-induced diuresis and natriuresis is independent of renal tubular NHE3. *American Journal of Physiology - Renal Physiology*, **2015**, 308, F1409-20	4.3	30
152	MUCOSAL IMMUNOLOGY. The microbiota regulates type 2 immunity through ROR□+ T cells. *Science*, **2015**, 349, 989-93	33.3	494
151	Thymic B Cells Are Licensed to Present Self Antigens for Central T Cell Tolerance Induction. *Immunity*, **2015**, 42, 1048-61	32.3	152
150	Spatial Regulation of V-(D)J Recombination at Antigen Receptor Loci. *Advances in Immunology*, **2015**, 128, 93-121	5.6	32
149	Activated Notch counteracts Ikaros tumor suppression in mouse and human T-cell acute lymphoblastic leukemia. *Leukemia*, **2015**, 29, 1301-11	10.7	23

148	Differentiation of type 1 ILCs from a common progenitor to all helper-like innate lymphoid cell lineages. *Cell*, **2014**, 157, 340-356	56.2	746
147	Stage-specific control of early B cell development by the transcription factor Ikaros. *Nature Immunology*, **2014**, 15, 283-93	19.1	144
146	Differential requirement for Nfil3 during NK cell development. *Journal of Immunology*, **2014**, 192, 2667-76	5.3	99
145	Epigenetic control of immunity. *Cold Spring Harbor Perspectives in Biology*, **2014**, 6,	10.2	75
144	The mammalian tRNA ligase complex mediates splicing of XBP1 mRNA and controls antibody secretion in plasma cells. *EMBO Journal*, **2014**, 33, 2922-36	13	114
143	Flexible long-range loops in the VH gene region of the Igh locus facilitate the generation of a diverse antibody repertoire. *Immunity*, **2013**, 39, 229-44	32.3	101
142	GATA-3 regulates the self-renewal of long-term hematopoietic stem cells. *Nature Immunology*, **2013**, 14, 1037-44	19.1	71
141	A kinase-independent function of CDK6 links the cell cycle to tumor angiogenesis. *Cancer Cell*, **2013** , 24, 167-81	24.3	169
140	GABAergic neurons regulate lateral ventricular development via transcription factor Pax5. *Genesis*, **2013**, 51, 234-45	1.9	14
139	Id2-mediated inhibition of E2A represses memory CD8+ T cell differentiation. *Journal of Immunology*, **2013**, 190, 4585-94	5.3	68
138	Control of antigen receptor diversity through spatial regulation of V(D)J recombination. *Cold Spring Harbor Symposia on Quantitative Biology*, **2013**, 78, 11-21	3.9	9
137	Transcription factor YY1 is essential for regulation of the Th2 cytokine locus and for Th2 cell differentiation. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 276-81	11.5	56
136	Erythropoiesis and globin switching in compound Klf1::Bcl11a mutant mice. *Blood*, **2013**, 121, 2553-62	2.2	43
135	The transcription factor GATA-3 controls cell fate and maintenance of type 2 innate lymphoid cells. *Immunity*, **2012**, 37, 634-48	32.3	612
134	The B-cell identity factor Pax5 regulates distinct transcriptional programmes in early and late B lymphopoiesis. *EMBO Journal*, **2012**, 31, 3130-46	13	145
133	Regulation of DNA replication within the immunoglobulin heavy-chain locus during B cell commitment. *PLoS Biology*, **2012**, 10, e1001360	9.7	40
132	Essential role of EBF1 in the generation and function of distinct mature B cell types. *Journal of Experimental Medicine*, **2012**, 209, 775-92	16.6	88
131	Erythropoiesis and Globin Switching in Compound Klf1::Bcl11a mutant mice. *Blood*, **2012**, 120, 1019-1019	2.2	0

130	CTCF-binding elements mediate control of V(D)J recombination. *Nature*, **2011**, 477, 424-30	50.4	201
129	Pax5: a master regulator of B cell development and leukemogenesis. *Advances in Immunology*, **2011** , 111, 179-206	5.6	141
128	Activation-induced cytidine deaminase expression in CD4+ T cells is associated with a unique IL-10-producing subset that increases with age. *PLoS ONE*, **2011**, 6, e29141	3.7	46
127	The transcription factors Blimp-1 and IRF4 jointly control the differentiation and function of effector regulatory T cells. *Nature Immunology*, **2011**, 12, 304-11	19.1	405
126	The transcription factor Pax5 regulates its target genes by recruiting chromatin-modifying proteins in committed B cells. *EMBO Journal*, **2011**, 30, 2388-404	13	102
125	The distal V(H) gene cluster of the Igh locus contains distinct regulatory elements with Pax5 transcription factor-dependent activity in pro-B cells. *Immunity*, **2011**, 34, 175-87	32.3	116
124	Regulation of GATA-3 expression during CD4 lineage differentiation. *Journal of Immunology*, **2011**, 186, 3892-8	5.3	19
123	Role of STAT5 in controlling cell survival and immunoglobulin gene recombination during pro-B cell development. *Nature Immunology*, **2010**, 11, 171-9	19.1	203
122	Mcl-1 is essential for germinal center formation and B cell memory. *Science*, **2010**, 330, 1095-9	33.3	161
121	B-lymphoid cells with attributes of dendritic cells regulate T cells via indoleamine 2,3-dioxygenase. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 10644-8	11.5	41
120	Opposing roles of polycomb repressive complexes in hematopoietic stem and progenitor cells. *Blood*, **2010**, 116, 731-9	2.2	104
119	STAT5 in B cell development and leukemia. *Current Opinion in Immunology*, **2010**, 22, 168-76	7.8	64
118	Pax2 and Pax8 cooperate in mouse inner ear morphogenesis and innervation. *BMC Developmental Biology*, **2010**, 10, 89	3.1	111
117	RAG-1 and ATM coordinate monoallelic recombination and nuclear positioning of immunoglobulin loci. *Nature Immunology*, **2009**, 10, 655-64	19.1	114
116	Stepwise activation of enhancer and promoter regions of the B cell commitment gene Pax5 in early lymphopoiesis. *Immunity*, **2009**, 30, 508-20	32.3	146
115	Pax Genes: Evolution and Function **2008**,		1
114	B young again. *Immunity*, **2008**, 28, 606-8	32.3	8
113	Instructive role of the transcription factor E2A in early B lymphopoiesis and germinal center B cell development. *Immunity*, **2008**, 28, 751-62	32.3	193

112	A chromatin-wide transition to H4K20 monomethylation impairs genome integrity and programmed DNA rearrangements in the mouse. *Genes and Development*, **2008**, 22, 2048-61	12.6	310
111	Lack of nuclear factor-kappa B2/p100 causes a RelB-dependent block in early B lymphopoiesis. *Blood*, **2008**, 112, 551-9	2.2	35
110	Developmental plasticity of lymphocytes. *Current Opinion in Immunology*, **2008**, 20, 139-48	7.8	47
109	Loss of pax5 heterozygosity in mice promotes B cell-specific lymphoproliferative disease. *FASEB Journal*, **2008**, 22, 348-348	0.9	
108	Reversible contraction by looping of the Tcra and Tcrb loci in rearranging thymocytes. *Nature Immunology*, **2007**, 8, 378-87	19.1	120
107	Pax5: the guardian of B cell identity and function. *Nature Immunology*, **2007**, 8, 463-70	19.1	427
106	Conversion of mature B cells into T cells by dedifferentiation to uncommitted progenitors. *Nature*, **2007**, 449, 473-7	50.4	381
105	In vitro differentiation of murine embryonic stem cells toward a renal lineage. *Differentiation*, **2007**, 75, 337-49	3.5	101
104	Reporter gene insertions reveal a strictly B lymphoid-specific expression pattern of Pax5 in support of its B cell identity function. *Journal of Immunology*, **2007**, 178, 8222-8	5.3	33
103	Reporter gene insertions reveal a strictly B lymphoid-specific expression pattern of Pax5 in support of its B cell identity function. *Journal of Immunology*, **2007**, 178, 3031-7	5.3	37
102	Distinct promoters mediate the regulation of Ebf1 gene expression by interleukin-7 and Pax5. *Molecular and Cellular Biology*, **2007**, 27, 579-94	4.8	128
101	Life beyond cleavage: the case of Ago2 and hematopoiesis. *Genes and Development*, **2007**, 21, 1983-8	12.6	14
100	Transcription factor Pax5 activates the chromatin of key genes involved in B cell signaling, adhesion, migration, and immune function. *Immunity*, **2007**, 27, 49-63	32.3	206
99	Direct regulation of Gata3 expression determines the T helper differentiation potential of Notch. *Immunity*, **2007**, 27, 89-99	32.3	323
98	Oncogenic role of Pax5 in the T-lymphoid lineage upon ectopic expression from the immunoglobulin heavy-chain locus. *Blood*, **2007**, 109, 281-9	2.2	46
97	Hematopoietic precursor cells transiently reestablish permissiveness for X inactivation. *Molecular and Cellular Biology*, **2006**, 26, 7167-77	4.8	94
96	Pax 2/8-regulated Gata 3 expression is necessary for morphogenesis and guidance of the nephric duct in the developing kidney. *Development (Cambridge)*, **2006**, 133, 53-61	6.6	239
95	Gene repression by Pax5 in B cells is essential for blood cell homeostasis and is reversed in plasma cells. *Immunity*, **2006**, 24, 269-81	32.3	269

94	Pax Genes: Evolution and Function **2006**,		1
93	Postnatal development of the murine cerebellar cortex: formation and early dispersal of basket, stellate and Golgi neurons. *European Journal of Neuroscience*, **2006**, 24, 466-78	3.5	110
92	The mechanism of repression of the myeloid-specific c-fms gene by Pax5 during B lineage restriction. *EMBO Journal*, **2006**, 25, 1070-80	13	53
91	Derivation of 2 categories of plasmacytoid dendritic cells in murine bone marrow. *Blood*, **2005**, 105, 4407-15	2.1	121
90	Locus RdecontractionRand centromeric recruitment contribute to allelic exclusion of the immunoglobulin heavy-chain gene. *Nature Immunology*, **2005**, 6, 31-41	19.1	202
89	Rapid in vivo analysis of mutant forms of the LAT adaptor using Pax5-Lat double-deficient pro-B cells. *European Journal of Immunology*, **2005**, 35, 977-86	6.1	2
88	Identification of Pax2-regulated genes by expression profiling of the mid-hindbrain organizer region. *Development (Cambridge)*, **2005**, 132, 2633-43	6.6	51
87	Analysis of Notch1 function by in vitro T cell differentiation of Pax5 mutant lymphoid progenitors. *Journal of Immunology*, **2004**, 173, 3935-44	5.3	88
86	Pax5 induces V-to-DJ rearrangements and locus contraction of the immunoglobulin heavy-chain gene. *Genes and Development*, **2004**, 18, 411-22	12.6	306
85	Tlx3 and Tlx1 are post-mitotic selector genes determining glutamatergic over GABAergic cell fates. *Nature Neuroscience*, **2004**, 7, 510-7	25.5	274
84	Epigenetic silencing of the c-fms locus during B-lymphopoiesis occurs in discrete steps and is reversible. *EMBO Journal*, **2004**, 23, 4275-85	13	64
83	Corecruitment of the Grg4 repressor by PU.1 is critical for Pax5-mediated repression of B-cell-specific genes. *EMBO Reports*, **2004**, 5, 291-6	6.5	49
82	Tissue-specific expression of cre recombinase from the Pax8 locus. *Genesis*, **2004**, 38, 105-9	1.9	103
81	Transcriptional control of early B cell development. *Annual Review of Immunology*, **2004**, 22, 55-79	34.7	387
80	Myeloid lineage switch of Pax5 mutant but not wild-type B cell progenitors by C/EBPalpha and GATA factors. *EMBO Journal*, **2003**, 22, 3887-97	13	74
79	Transcriptional control of B-cell development. *Current Opinion in Immunology*, **2002**, 14, 216-23	7.8	125
78	Reversion of B cell commitment upon loss of Pax5 expression. *Science*, **2002**, 297, 110-3	33.3	232
77	Nephric lineage specification by Pax2 and Pax8. *Genes and Development*, **2002**, 16, 2958-70	12.6	376

76	Control of pre-BCR signaling by Pax5-dependent activation of the BLNK gene. *Immunity*, **2002**, 17, 473-85	32.3	130
75	Pax5 promotes B lymphopoiesis and blocks T cell development by repressing Notch1. *Immunity*, **2002**, 17, 781-93	32.3	181
74	The activation and maintenance of Pax2 expression at the mid-hindbrain boundary is controlled by separate enhancers. *Development (Cambridge)*, **2002**, 129, 307-318	6.6	68
73	The activation and maintenance of Pax2 expression at the mid-hindbrain boundary is controlled by separate enhancers. *Development (Cambridge)*, **2002**, 129, 307-18	6.6	35
72	Distinct regulators control the expression of the mid-hindbrain organizer signal FGF8. *Nature Neuroscience*, **2001**, 4, 1175-81	25.5	108
71	The transcriptional repressor CDP (Cutl1) is essential for epithelial cell differentiation of the lung and the hair follicle. *Genes and Development*, **2001**, 15, 2307-19	12.6	127
70	Pax5 determines the identity of B cells from the beginning to the end of B-lymphopoiesis. *International Reviews of Immunology*, **2001**, 20, 65-82	4.6	98
69	Pax5/BSAP maintains the identity of B cells in late B lymphopoiesis. *Immunity*, **2001**, 14, 779-90	32.3	198
68	Lineage commitment in lymphopoiesis. *Current Opinion in Immunology*, **2000**, 12, 151-8	7.8	80
67	Fidelity and infidelity in commitment to B-lymphocyte lineage development. *Immunological Reviews* , **2000**, 175, 104-111	11.3	51
66	Transcriptional repression by Pax5 (BSAP) through interaction with corepressors of the Groucho family. *EMBO Journal*, **2000**, 19, 2292-303	13	215
65	A syndrome involving intrauterine growth retardation, microcephaly, cerebellar hypoplasia, B lymphocyte deficiency, and progressive pancytopenia. *Pediatrics*, **2000**, 105, E39	7.4	23
64	Monoallelic expression of Pax5: a paradigm for the haploinsufficiency of mammalian Pax genes?. *Biological Chemistry*, **1999**, 380, 601-11	4.5	40
63	Commitment to the B-lymphoid lineage depends on the transcription factor Pax5. *Nature*, **1999**, 402, 14-20	50.4	2
62	Commitment to the B-lymphoid lineage depends on the transcription factor Pax5. *Nature*, **1999**, 401, 556-62	50.4	925
61	Long-term in vivo reconstitution of T-cell development by Pax5-deficient B-cell progenitors. *Nature*, **1999**, 401, 603-6	50.4	318
60	Independent regulation of the two Pax5 alleles during B-cell development. *Nature Genetics*, **1999**, 21, 390-5	36.3	121
59	twin of eyeless, a second Pax-6 gene of Drosophila, acts upstream of eyeless in the control of eye development. *Molecular Cell*, **1999**, 3, 297-307	17.6	309

58	Pax2/5 and Pax6 subdivide the early neural tube into three domains. *Mechanisms of Development*, **1999**, 82, 29-39	1.7	84
57	Differentiation, dedifferentiation, and redifferentiation of B-lineage lymphocytes: roles of the surrogate light chain and the Pax5 gene. *Cold Spring Harbor Symposia on Quantitative Biology*, **1999**, 64, 21-5	3.9	6
56	The molecular basis of B-cell lineage commitment. *Cold Spring Harbor Symposia on Quantitative Biology*, **1999**, 64, 51-9	3.9	9
55	Identification of BSAP (Pax-5) target genes in early B-cell development by loss- and gain-of-function experiments. *EMBO Journal*, **1998**, 17, 2319-33	13	237
54	PAX8 mutations associated with congenital hypothyroidism caused by thyroid dysgenesis. *Nature Genetics*, **1998**, 19, 83-6	36.3	374
53	Loss- and gain-of-function mutations reveal an important role of BSAP (Pax-5) at the start and end of B cell differentiation. *Seminars in Immunology*, **1998**, 10, 133-42	10.7	61
52	Early function of Pax5 (BSAP) before the pre-B cell receptor stage of B lymphopoiesis. *Journal of Experimental Medicine*, **1998**, 188, 735-44	16.6	37
51	Role of the Transcription Factor BSAP (Pax-5) in B-Cell Development **1998**, 83-110		12
50	Deregulated PAX-5 Transcription From a TranslocatedIgH Promoter in Marginal Zone Lymphoma. *Blood*, **1998**, 92, 3865-3878	2.2	83
49	Deregulated PAX-5 Transcription From a TranslocatedIgH Promoter in Marginal Zone Lymphoma. *Blood*, **1998**, 92, 3865-3878	2.2	7
48	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. *Genes and Development*, **1997**, 11, 476-91	12.6	322
47	Cooperation of Pax2 and Pax5 in midbrain and cerebellum development. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 5703-8	11.5	136
46	Conserved biological function between Pax-2 and Pax-5 in midbrain and cerebellum development: evidence from targeted mutations. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 14518-23	11.5	119
45	Regulation of human epsilon germline transcription: role of B-cell-specific activator protein. *International Archives of Allergy and Immunology*, **1997**, 113, 35-8	3.7	7
44	The characterization of novel Pax genes of the sea urchin and Drosophila reveal an ancient evolutionary origin of the Pax2/5/8 subfamily. *Mechanisms of Development*, **1997**, 67, 179-92	1.7	51
43	Essential functions of Pax-5 (BSAP) in pro-B cell development. *Immunobiology*, **1997**, 198, 227-35	3.4	47
42	ICE-proteases mediate HTLV-I Tax-induced apoptotic T-cell death. *Oncogene*, **1997**, 14, 2265-72	9.2	54
41	Isolation and amino acid sequence analysis reveal an ancient evolutionary origin of the cleavage stage (CS) histones of the sea urchin. *FEBS Journal*, **1997**, 247, 784-91		4

40	Alternatively spliced insertions in the paired domain restrict the DNA sequence specificity of Pax6 and Pax8. *EMBO Journal*, **1997**, 16, 6793-803	13	129
39	Normal brainstem auditory evoked potentials in Pax5-deficient mice despite morphologic alterations in the auditory midbrain region. *International Journal of Audiology*, **1996**, 35, 55-61	2.6	5
38	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. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 6129-34	11.5	144
37	The estrogen-dependent c-JunER protein causes a reversible loss of mammary epithelial cell polarity involving a destabilization of adherens junctions. *Journal of Cell Biology*, **1996**, 132, 1115-32	7.3	138
36	The PAX5 gene: a linkage and mutation analysis in candidate human primary immunodeficiencies. *Immunogenetics*, **1995**, 42, 149-52	3.2	9
35	The gene coding for the B cell surface protein CD19 is localized on human chromosome 16p11. *Human Genetics*, **1995**, 95, 223-5	6.3	1
34	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. *Journal of Biological Chemistry*, **1995**, 270, 17645-8	5.4	35
33	The role of BSAP (Pax-5) in B-cell development. *Current Opinion in Genetics and Development*, **1995**, 5, 595-601	4.9	73
32	Deregulated expression of PAX5 in medulloblastoma. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 5709-13	11.5	109
31	SSCP/SacI polymorphism in the PAX5 gene. *Human Molecular Genetics*, **1994**, 3, 839	5.6	1
30	Molecular cloning and characterization of a human PAX-7 cDNA expressed in normal and neoplastic myocytes. *Nucleic Acids Research*, **1994**, 22, 4574-82	20.1	84
29	An intragenic TaqI RFLP at the PAX5 locus. *Human Molecular Genetics*, **1994**, 3, 681	5.6	1
28	Complete block of early B cell differentiation and altered patterning of the posterior midbrain in mice lacking Pax5/BSAP. *Cell*, **1994**, 79, 901-12	56.2	670
27	A selective transcriptional induction system for mammalian cells based on Gal4-estrogen receptor fusion proteins. *Proceedings of the National Academy of Sciences of the United States of America*, **1993**, 90, 1657-61	11.5	152
26	DNA sequence recognition by Pax proteins: bipartite structure of the paired domain and its binding site. *Genes and Development*, **1993**, 7, 2048-61	12.6	314
25	Chromosomal localization of seven PAX genes and cloning of a novel family member, PAX-9. *Nature Genetics*, **1993**, 3, 292-8	36.3	176
24	Pax-5 encodes the transcription factor BSAP and is expressed in B lymphocytes, the developing CNS, and adult testis. *Genes and Development*, **1992**, 6, 1589-607	12.6	432
23	Identification of Fos target genes by the use of selective induction systems. *Journal of Cell Science*, **1992**, 16, 97-109	5.3	44

22	Activation of an inducible c-FosER fusion protein causes loss of epithelial polarity and triggers epithelial-fibroblastoid cell conversion. *Cell*, **1992**, 71, 1103-16	56.2	218
21	Hormone-dependent transcriptional regulation and cellular transformation by Fos-steroid receptor fusion proteins. *Proceedings of the National Academy of Sciences of the United States of America*, **1991**, 88, 5114-8	11.5	91
20	A novel B-cell lineage-specific transcription factor present at early but not late stages of differentiation. *Genes and Development*, **1990**, 4, 849-59	12.6	197
19	Developmental and tissue-specific regulation of a novel transcription factor of the sea urchin. *Genes and Development*, **1989**, 3, 663-75	12.6	45
18	The testis-specific octamer-binding protein of the sea urchin has a molecular weight of 85 kDa. *Nucleic Acids Research*, **1989**, 17, 7114	20.1	1
17	Dangerous liaisons: spermatozoa as natural vectors for foreign DNA?. *Cell*, **1989**, 57, 701-2	56.2	17
16	The protein CDP, but not CP1, footprints on the CCAAT region of the gamma-globin gene in unfractionated B-cell extracts. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1989**, 1007, 237-42		48
15	Developmental regulation of micro-injected histone genes in sea urchin embryos. *Developmental Biology*, **1988**, 127, 54-63	3.1	52
14	Promoter of a somatic histone H2B gene of the sea urchin. *Nucleic Acids Research*, **1988**, 16, 4175	20.1	3
13	Mutually exclusive interaction of the CCAAT-binding factor and of a displacement protein with overlapping sequences of a histone gene promoter. *Cell*, **1987**, 50, 347-59	56.2	403
12	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. *Proceedings of the National Academy of Sciences of the United States of America*, **1985**, 82, 5676-80	11.5	51
11	Transcription termination and 3Rprocessing: the end is in site!. *Cell*, **1985**, 41, 349-59	56.2	1475
10	DNA methylation and the regulation of globin gene expression. *Cell*, **1983**, 34, 197-206	56.2	404
9	The sequence GGCmCGG is resistant to MspI cleavage. *Nucleic Acids Research*, **1983**, 11, 3559-69	20.1	82
8	An unusual evolutionary behaviour of a sea urchin histone gene cluster. *EMBO Journal*, **1982**, 1, 27-33	13	40
7	Beta + thalassemia: aberrant splicing results from a single point mutation in an intron. *Cell*, **1981**, 27, 289-98	56.2	210
6	Ubiquitous and gene-specific regulatory 5Rsequences in a sea urchin histone DNA clone coding for histone protein variants. *Nucleic Acids Research*, **1980**, 8, 957-77	20.1	150
5	A regulatory sequence near the 3Rend of sea urchin histone genes. *Nucleic Acids Research*, **1979**, 6, 2997-3008	20.1	92

4	Aspects of the regulation of histone genes. *Philosophical Transactions of the Royal Society of London Series B, Biological Sciences*, **1978**, 283, 319-24		4
3	Rotational diffusion of band 3 proteins in the human erythrocyte membrane. *Nature*, **1976**, 263, 389-93	50.4	171
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