John Cambier

List of Publications by Citations

251 papers	18,488 citations	77 h-index	127 g-index
323 ext. papers	19,924 ext. citations	10.7 avg, IF	6.54 L-index

#	Paper	IF	Citations
251	Recruitment and activation of PTP1C in negative regulation of antigen receptor signaling by Fc gamma RIIB1. *Science*, **1995**, 268, 293-7	33.3	519
250	Apoptotic caspases suppress mtDNA-induced STING-mediated type I IFN production. *Cell*, **2014**, 159, 1549-62	56.2	475
249	Activation of phosphatidylinositol-3Qkinase by Src-family kinase SH3 binding to the p85 subunit. *Science*, **1994**, 263, 1609-12	33.3	417
248	B cell antigen receptor signaling 101. *Molecular Immunology*, **2004**, 41, 599-613	4.3	405
247	Signal transduction by the B cell antigen receptor and its coreceptors. *Annual Review of Immunology*, **1994**, 12, 457-86	34.7	374
246	Hypoxia-inducible factor-1 alpha-dependent induction of FoxP3 drives regulatory T-cell abundance and function during inflammatory hypoxia of the mucosa. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, E2784-93	11.5	356
245	Antigen and Fc receptor signaling. The awesome power of the immunoreceptor tyrosine-based activation motif (ITAM). *Journal of Immunology*, **1995**, 155, 3281-5	5.3	331
244	Ia binding ligands and cAMP stimulate nuclear translocation of PKC in B lymphocytes. *Nature*, **1987**, 327, 629-32	50.4	300
243	The B cell antigen receptor complex: association of Ig-alpha and Ig-beta with distinct cytoplasmic effectors. *Science*, **1992**, 258, 123-6	33.3	287
242	MPYS, a novel membrane tetraspanner, is associated with major histocompatibility complex class II and mediates transduction of apoptotic signals. *Molecular and Cellular Biology*, **2008**, 28, 5014-26	4.8	286
241	Interleukin-induced increase in Ia expression by normal mouse B cells. *Journal of Experimental Medicine*, **1984**, 160, 679-94	16.6	284
240	Molecular mechanisms of transmembrane signaling in B lymphocytes. *Annual Review of Immunology* , **1987**, 5, 175-99	34.7	271
239	Regulation of B cell antigen receptor signal transduction and phosphorylation by CD45. *Science*, **1991**, 252, 1839-42	33.3	263
238	Human and mouse killer-cell inhibitory receptors recruit PTP1C and PTP1D protein tyrosine phosphatases. *Journal of Immunology*, **1996**, 156, 4531-4	5.3	256
237	B-cell anergy: from transgenic models to naturally occurring anergic B cells?. *Nature Reviews Immunology*, **2007**, 7, 633-43	36.5	244
236	Identification of the tyrosine phosphatase PTP1C as a B cell antigen receptor-associated protein involved in the regulation of B cell signaling. *Journal of Experimental Medicine*, **1995**, 181, 2077-84	16.6	233
235	Mast cell-dependent migration of effector CD8+ T cells through production of leukotriene B4. *Nature Immunology*, **2003**, 4, 974-81	19.1	230

234	Role of the Syk autophosphorylation site and SH2 domains in B cell antigen receptor signaling. *Journal of Experimental Medicine*, **1995**, 182, 1815-23	16.6	228
233	New nomenclature for the Reth motif (or ARH1/TAM/ARAM/YXXL). *Trends in Immunology*, **1995**, 16, 110		220
232	The RasGAP-binding protein p62dok is a mediator of inhibitory FcgammaRIIB signals in B cells. *Immunity*, **2000**, 12, 347-58	32.3	218
231	Identification of anergic B cells within a wild-type repertoire. *Immunity*, **2006**, 25, 953-62	32.3	215
230	The major histocompatibility complex-restricted antigen receptor on T cells: distribution on thymus and peripheral T cells. *Cell*, **1984**, 38, 577-84	56.2	205
229	Developmental regulation of B lymphocyte immune tolerance compartmentalizes clonal selection from receptor selection. *Cell*, **1998**, 92, 173-82	56.2	204
228	B cell antigen receptor signaling: roles in cell development and disease. *Science*, **2002**, 296, 1641-2	33.3	199
227	MPYS is required for IFN response factor 3 activation and type I IFN production in the response of cultured phagocytes to bacterial second messengers cyclic-di-AMP and cyclic-di-GMP. *Journal of Immunology*, **2011**, 187, 2595-601	5.3	196
226	Promotion of B cell immune responses via an alum-induced myeloid cell population. *Science*, **2004**, 304, 1808-10	33.3	193
225	The B-cell antigen receptor complex: structure and signal transduction. *Trends in Immunology*, **1994**, 15, 393-9		186
224	B cell receptor signal transduction in the GC is short-circuited by high phosphatase activity. *Science*, **2012**, 336, 1178-81	33.3	185
223	The B-cell antigen receptor complex. *Trends in Immunology*, **1991**, 12, 196-201		175
222	Maintenance of B cell anergy requires constant antigen receptor occupancy and signaling. *Nature Immunology*, **2005**, 6, 1160-7	19.1	166
221	B cell development: signal transduction by antigen receptors and their surrogates. *Current Opinion in Immunology*, **1999**, 11, 143-51	7.8	161
220	Qualitative regulation of B cell antigen receptor signaling by CD19: selective requirement for PI3-kinase activation, inositol-1,4,5-trisphosphate production and Ca2+ mobilization. *Journal of Experimental Medicine*, **1997**, 186, 1897-910	16.6	158
219	Mapping of sites on the Src family protein tyrosine kinases p55blk, p59fyn, and p56lyn which interact with the effector molecules phospholipase C-gamma 2, microtubule-associated protein kinase, GTPase-activating protein, and phosphatidylinositol 3-kinase. *Molecular and Cellular Biology*, **1993**, 13, 5877-87	4.8	146
218	Phosphorylated immunoreceptor signaling motifs (ITAMs) exhibit unique abilities to bind and activate Lyn and Syk tyrosine kinases. *Journal of Immunology*, **1995**, 155, 4596-603	5.3	135
217	B cell activation. VIII. Membrane immunoglobulins transduce signals via activation of phosphatidylinositol hydrolysis. *Journal of Immunology*, **1984**, 133, 3382-6	5.3	134

216	cGAS drives noncanonical-inflammasome activation in age-related macular degeneration. *Nature Medicine*, **2018**, 24, 50-61	50.5	134
215	The thymus has two functionally distinct populations of immature alpha beta + T cells: one population is deleted by ligation of alpha beta TCR. *Cell*, **1989**, 58, 1047-54	56.2	133
214	Fc epsilon receptor I-associated lyn-dependent phosphorylation of Fc gamma receptor IIB during negative regulation of mast cell activation. *Journal of Immunology*, **1998**, 160, 1647-58	5.3	131
213	Negative regulation of FcepsilonRI signaling by FcgammaRII costimulation in human blood basophils. *Journal of Allergy and Clinical Immunology*, **2000**, 106, 337-48	11.5	127
212	Src-family kinases in B-cell development and signaling. *Oncogene*, **2004**, 23, 8001-6	9.2	125
211	Ligand-independent signaling functions for the B lymphocyte antigen receptor and their role in positive selection during B lymphopoiesis. *Journal of Experimental Medicine*, **2001**, 194, 1583-96	16.6	125
210	Monophosphorylation of CD79a and CD79b ITAM motifs initiates a SHIP-1 phosphatase-mediated inhibitory signaling cascade required for B cell anergy. *Immunity*, **2011**, 35, 746-56	32.3	123
209	Antigens varying in affinity for the B cell receptor induce differential B lymphocyte responses. *Journal of Experimental Medicine*, **1998**, 188, 1453-64	16.6	122
208	Fc gammaRIIB1 inhibition of BCR-mediated phosphoinositide hydrolysis and Ca2+ mobilization is integrated by CD19 dephosphorylation. *Immunity*, **1997**, 7, 49-58	32.3	121
207	Differential association of phosphatases with hematopoietic co-receptors bearing immunoreceptor tyrosine-based inhibition motifs. *European Journal of Immunology*, **1997**, 27, 1994-2000	6.1	120
206	Activation and anergy in bone marrow B cells of a novel immunoglobulin transgenic mouse that is both hapten specific and autoreactive. *Immunity*, **2001**, 14, 33-43	32.3	119
205	Differential susceptibility of neonatal and adult murine spleen cells to in vitro induction of B-cell tolerance. *Journal of Experimental Medicine*, **1976**, 144, 293-7	16.6	119
204	IgM antigen receptor complex contains phosphoprotein products of B29 and mb-1 genes. *Proceedings of the National Academy of Sciences of the United States of America*, **1991**, 88, 3982-6	11.5	118
203	Differential regulation of B cell development, activation, and death by the src homology 2 domain-containing 5Qnositol phosphatase (SHIP). *Journal of Experimental Medicine*, **2000**, 191, 1545-54	16.6	116
202	Distinct p53/56lyn and p59fyn domains associate with nonphosphorylated and phosphorylated Ig-alpha. *Proceedings of the National Academy of Sciences of the United States of America*, **1994**, 91, 4268-72	11.5	115
201	T-cell development and transmembrane signaling: changing biological responses through an unchanging receptor. *Trends in Immunology*, **1991**, 12, 79-85		115
200	Aging-dependent exclusion of antigen-inexperienced cells from the peripheral B cell repertoire. *Journal of Immunology*, **2002**, 168, 5014-23	5.3	113
199	Selective in vivo recruitment of the phosphatidylinositol phosphatase SHIP by phosphorylated Fc gammaRIIB during negative regulation of IgE-dependent mouse mast cell activation. *Immunology Letters*, **1996**, 54, 83-91	4.1	111

198	Ageing, autoimmunity and arthritis: senescence of the B cell compartment - implications for humoral immunity. *Arthritis Research*, **2004**, 6, 131-9		109
197	Translocation of protein kinase C during membrane immunoglobulin-mediated transmembrane signaling in B lymphocytes. *Journal of Immunology*, **1986**, 136, 2300-4	5.3	107
196	Interference with immunoglobulin (Ig)alpha immunoreceptor tyrosine-based activation motif (ITAM) phosphorylation modulates or blocks B cell development, depending on the availability of an Igbeta cytoplasmic tail. *Journal of Experimental Medicine*, **2001**, 194, 455-69	16.6	105
195	Cytoplasmic protein tyrosine phosphatases SHP-1 and SHP-2: regulators of B cell signal transduction. *Current Opinion in Immunology*, **2000**, 12, 307-15	7.8	104
194	B cell maintenance and function in aging. *Seminars in Immunology*, **2012**, 24, 342-9	10.7	103
193	Antigen receptor signaling: integration of protein tyrosine kinase functions. *Oncogene*, **1998**, 17, 1353-64	9.2	103
192	Ia-mediated signal transduction leads to proliferation of primed B lymphocytes. *Journal of Experimental Medicine*, **1989**, 170, 877-86	16.6	102
191	B cell activation. III. B cell plasma membrane depolarization and hyper-Ia antigen expression induced by receptor immunoglobulin cross-linking are coupled. *Journal of Experimental Medicine*, **1983**, 158, 1589-99	16.6	97
190	TCR-induced transmembrane signaling by peptide/MHC class II via associated Ig-alpha/beta dimers. *Science*, **2001**, 291, 1537-40	33.3	96
189	B cell activation. I. Anti-immunoglobulin-induced receptor cross-linking results in a decrease in the plasma membrane potential of murine B lymphocytes. *Journal of Experimental Medicine*, **1983**, 157, 2073-86	16.6	95
188	Molecular underpinning of B-cell anergy. *Immunological Reviews*, **2010**, 237, 249-63	11.3	92
187	The SHIP phosphatase becomes associated with Fc gammaRIIB1 and is tyrosine phosphorylated during negative signaling. *Immunology Letters*, **1996**, 54, 77-82	4.1	90
186	Phosphorylation of CD19 Y484 and Y515, and linked activation of phosphatidylinositol 3-kinase, are required for B cell antigen receptor-mediated activation of Bruton tyrosine kinase. *Journal of Immunology*, **1999**, 162, 4438-46	5.3	90
185	Inhibitory receptors abound?. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 5993-5	11.5	89
184	Anti-Ig induces release of inositol 1,4,5-trisphosphate, which mediates mobilization of intracellular Ca++ stores in B lymphocytes. *Journal of Immunology*, **1986**, 137, 708-14	5.3	88
183	Both immature and mature T cells mobilize Ca2+ in response to antigen receptor crosslinking. *Nature*, **1987**, 330, 179-81	50.4	87
182	Improved method for measuring intracellular Ca++ with fluo-3. *Cytometry*, **1990**, 11, 923-7		85
181	Identification and characterization of a loss-of-function human MPYS variant. *Genes and Immunity*, **2011**, 12, 263-9	4.4	81

180	Transmembrane signaling through B cell MHC class II molecules: anti-Ia antibodies induce protein kinase C translocation to the nuclear fraction. *Journal of Immunology*, **1987**, 138, 2345-52	5.3	81
179	Antigen-stimulated dissociation of BCR mIg from Ig-alpha/Ig-beta: implications for receptor desensitization. *Immunity*, **1999**, 10, 239-48	32.3	80
178	Downstream of kinase, p62(dok), is a mediator of Fc gamma IIB inhibition of Fc epsilon RI signaling. *Journal of Immunology*, **2002**, 168, 4430-9	5.3	79
177	Distinct signal thresholds for the unique antigen receptor-linked gene expression programs in mature and immature B cells. *Journal of Experimental Medicine*, **1999**, 190, 749-56	16.6	79
176	Membrane immunoglobulin and its accomplices: new lessons from an old receptor. *FASEB Journal*, **1992**, 6, 3207-17	0.9	79
175	David W. Talmage, 1919-2014. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 6533-6533	11.5	78
174	High-efficiency RNA-based reprogramming of human primary fibroblasts. *Nature Communications*, **2018**, 9, 745	17.4	77
173	Of ITIMs, ITAMs, and ITAMis: revisiting immunoglobulin Fc receptor signaling. *Immunological Reviews*, **2015**, 268, 66-73	11.3	77
172	The unique antigen receptor signaling phenotype of B-1 cells is influenced by locale but induced by antigen. *Journal of Immunology*, **2002**, 169, 1735-43	5.3	76
171	Acquired hematopoietic stem cell defects determine B-cell repertoire changes associated with aging. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 11898-902	11.5	73
170	Signal transduction by T- and B-cell antigen receptors: converging structures and concepts. *Current Opinion in Immunology*, **1992**, 4, 257-64	7.8	71
169	B cell activation. IV. Induction of cell membrane depolarization and hyper-I-A expression by phorbol diesters suggests a role for protein kinase C in murine B lymphocyte activation. *Journal of Immunology*, **1984**, 132, 1472-8	5.3	71
168	Immunosenescence: a problem of lymphopoiesis, homeostasis, microenvironment, and signaling. *Immunological Reviews*, **2005**, 205, 5-6	11.3	70
167	Unique signaling properties of B cell antigen receptor in mature and immature B cells: implications for tolerance and activation. *Journal of Immunology*, **2001**, 167, 4172-9	5.3	69
166	B-cell tolerance. II. Trinitrophenyl human gamma globulin-induced tolerance in adult and neonatal murine B cells responsive to thymus-dependent and independent forms of the same hapten. *Journal of Experimental Medicine*, **1977**, 145, 778-83	16.6	69
165	IgG antibodies produced during subcutaneous allergen immunotherapy mediate inhibition of basophil activation via a mechanism involving both FcgammaRIIA and FcgammaRIIB. *Immunology Letters*, **2010**, 130, 57-65	4.1	68
164	A VH11V kappa 9 B cell antigen receptor drives generation of CD5+ B cells both in vivo and in vitro. *Journal of Immunology*, **2000**, 164, 4586-93	5.3	68
163	B lymphocyte antigen receptors (mIg) are non-covalently associated with a disulfide linked, inducibly phosphorylated glycoprotein complex. *EMBO Journal*, **1990**, 9, 441-8	13	68

162	Structural compartmentalization of MHC class II signaling function. *Trends in Immunology*, **1993**, 14, 539-46		66
161	B cell antigen receptor cross-linking triggers rapid protein kinase C independent activation of p21ras1. *Journal of Immunology*, **1993**, 151, 4513-22	5.3	66
160	Tissue distribution and clonal diversity of the T and B cell repertoire in type 1 diabetes. *JCI Insight*, **2016**, 1, e88242	9.9	64
159	The biochemical basis of transmembrane signalling by B lymphocyte surface immunoglobulin. *Trends in Immunology*, **1985**, 6, 218-22		63
158	Coligation of the B cell receptor with complement receptor type 2 (CR2/CD21) using its natural ligand C3dg: activation without engagement of an inhibitory signaling pathway. *Journal of Immunology*, **2005**, 174, 3264-72	5.3	62
157	Activating and inhibitory signaling in mast cells: new opportunities for therapeutic intervention?. *Journal of Allergy and Clinical Immunology*, **2000**, 106, 429-40	11.5	61
156	Level of mIa expression on mitogen-stimulated murine B lymphocytes is dependent on position in cell cycle. *Journal of Immunology*, **1983**, 130, 626-31	5.3	61
155	Continuous inhibitory signaling by both SHP-1 and SHIP-1 pathways is required to maintain unresponsiveness of anergic B cells. *Journal of Experimental Medicine*, **2016**, 213, 751-69	16.6	60
154	Asymmetrical phosphorylation and function of immunoreceptor tyrosine-based activation motif tyrosines in B cell antigen receptor signal transduction. *Journal of Immunology*, **1998**, 160, 3305-14	5.3	60
153	COPD is associated with production of autoantibodies to a broad spectrum of self-antigens, correlative with disease phenotype. *Immunologic Research*, **2013**, 55, 48-57	4.3	59
152	B lymphocyte antigen receptor signaling: initiation, amplification, and regulation. *F1000prime Reports*, **2013**, 5, 40		59
151	B cell activation. V. Differentiation signaling of B cell membrane depolarization, increased I-A expression, G0 to G1 transition, and thymidine uptake by anti-IgM and anti-IgD antibodies. *Journal of Immunology*, **1984**, 133, 576-81	5.3	59
150	Mutational analysis reveals multiple distinct sites within Fc gamma receptor IIB that function in inhibitory signaling. *Journal of Immunology*, **2000**, 165, 4453-62	5.3	58
149	B cell depletion therapy exacerbates murine primary biliary cirrhosis. *Hepatology*, **2011**, 53, 527-35	11.2	56
148	Altered I-A protein-mediated transmembrane signaling in B cells that express truncated I-Ak protein. *Proceedings of the National Academy of Sciences of the United States of America*, **1989**, 86, 6297-301	11.5	56
147	Cyclic-di-GMP and cyclic-di-AMP activate the NLRP3 inflammasome. *EMBO Reports*, **2013**, 14, 900-6	6.5	55
146	Loss of anergic B cells in prediabetic and new-onset type 1 diabetic patients. *Diabetes*, **2015**, 64, 1703-12	10.9	54
145	Modeling of T cell contact-dependent B cell activation. IL-4 and antigen receptor ligation primes quiescent B cells to mobilize calcium in response to Ia cross-linking. *Journal of Immunology*, **1991**, 146, 2075-82	5.3	53

144	Alpha beta T cell receptor and CD3 transduce different signals in immature T cells. Implications for selection and tolerance. *Journal of Immunology*, **1989**, 142, 3006-12	5.3	53
143	Mapping of sites on the Src family protein tyrosine kinases p55blk, p59fyn, and p56lyn which interact with the effector molecules phospholipase C-gamma 2, microtubule-associated protein kinase, GTPase-activating protein, and phosphatidylinositol 3-kinase. *Molecular and Cellular Biology*, **1993**, 13, 5877-5887	4.8	53
142	Targeting DDR2 enhances tumor response to anti-PD-1 immunotherapy. *Science Advances*, **2019**, 5, eaav2437	14.7	52
141	Membrane IgM and IgD molecules fail to transduce Ca2+ mobilizing signals when expressed on differentiated B lineage cells. *Journal of Immunology*, **1990**, 144, 3272-80	5.3	51
140	gp120 ligation of CD4 induces p56lck activation and TCR desensitization independent of TCR tyrosine phosphorylation. *Journal of Immunology*, **1994**, 153, 2905-17	5.3	51
139	Alpha-chains of IgM and IgD antigen receptor complexes are differentially N-glycosylated MB-1-related molecules. *Journal of Immunology*, **1991**, 147, 1575-80	5.3	50
138	Signaling-defective mutants of the B lymphocyte antigen receptor fail to associate with Ig-alpha and Ig-beta/gamma.. *Journal of Biological Chemistry*, **1993**, 268, 25776-25779	5.4	50
137	A human CD4 monoclonal antibody for the treatment of T-cell lymphoma combines inhibition of T-cell signaling by a dual mechanism with potent Fc-dependent effector activity. *Cancer Research*, **2007**, 67, 9945-53	10.1	49
136	Bilevel control of B-cell activation by the inositol 5-phosphatase SHIP. *Immunological Reviews*, **2000**, 176, 69-74	11.3	49
135	The B-cell antigen receptor: structure and function of primary, secondary, tertiary and quaternary components. *Immunological Reviews*, **1993**, 132, 85-106	11.3	49
134	Partially distinct molecular mechanisms mediate inhibitory FcgammaRIIB signaling in resting and activated B cells. *Journal of Immunology*, **2001**, 167, 204-11	5.3	48
133	Distinct structural compartmentalization of the signal transducing functions of major histocompatibility complex class II (Ia) molecules. *Journal of Experimental Medicine*, **1994**, 179, 763-8	16.6	48
132	B cell activation. VI. Effects of exogenous diglyceride and modulators of phospholipid metabolism suggest a central role for diacylglycerol generation in transmembrane signaling by mIg. *Journal of Immunology*, **1985**, 134, 101-7	5.3	48
131	B cell depletion with anti-CD79 mAbs ameliorates autoimmune disease in MRL/lpr mice. *Journal of Immunology*, **2008**, 181, 2961-72	5.3	46
130	Silencing of autoreactive B cells by anergy: a fresh perspective. *Current Opinion in Immunology*, **2006**, 18, 292-7	7.8	46
129	Regulation of BCR signal transduction in B-1 cells requires the expression of the Src family kinase Lck. *Immunity*, **2004**, 21, 443-53	32.3	46
128	B cells in type 1 diabetes mellitus and diabetic kidney disease. *Nature Reviews Nephrology*, **2017**, 13, 712-720	14.9	45
127	B lymphocyte activation during cognate interactions with CD4+ T lymphocytes: molecular dynamics and immunologic consequences. *Seminars in Immunology*, **2003**, 15, 325-9	10.7	45

126	The role of receptor IgM and IgD in determining triggering and induction of tolerance in murine B cells. *Immunological Reviews*, **1979**, 43, 69-95	11.3	45
125	Targeting B cells in treatment of autoimmunity. *Current Opinion in Immunology*, **2016**, 43, 39-45	7.8	44
124	Single cell analysis of calcium mobilization in anti-immunoglobulin-stimulated B lymphocytes. *Journal of Immunology*, **1986**, 136, 54-7	5.3	43
123	Signaling-defective mutants of the B lymphocyte antigen receptor fail to associate with Ig-alpha and Ig-beta/gamma. *Journal of Biological Chemistry*, **1993**, 268, 25776-9	5.4	42
122	CD72-mediated B cell activation involves recruitment of CD19 and activation of phosphatidylinositol 3-kinase. *European Journal of Immunology*, **1998**, 28, 3003-16	6.1	40
121	Effects of Src homology domain 2 (SH2)-containing inositol phosphatase (SHIP), SH2-containing phosphotyrosine phosphatase (SHP)-1, and SHP-2 SH2 decoy proteins on Fc gamma RIIB1-effector interactions and inhibitory functions. *Journal of Immunology*, **2000**, 164, 631-8	5.3	40
120	Ligation of membrane Ig leads to calcium-mediated phosphorylation of the proto-oncogene product, Ets-1. *Journal of Immunology*, **1991**, 146, 1743-9	5.3	40
119	Delivery of B cell receptor-internalized antigen to endosomes and class II vesicles. *Journal of Experimental Medicine*, **1997**, 186, 1299-306	16.6	39
118	Analysis of Ig-alpha-tyrosine kinase interaction reveals two levels of binding specificity and tyrosine phosphorylated Ig-alpha stimulation of Fyn activity. *EMBO Journal*, **1994**, 13, 1911-9	13	39
117	Endocytic sequestration of the B cell antigen receptor and toll-like receptor 9 in anergic cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 6262-7	11.5	38
116	Two distinct tyrosine-based motifs enable the inhibitory receptor FcgammaRIIB to cooperatively recruit the inositol phosphatases SHIP1/2 and the adapters Grb2/Grap. *Journal of Biological Chemistry*, **2004**, 279, 51931-8	5.4	38
115	Co-receptor and accessory regulation of B-cell antigen receptor signal transduction. *Immunological Reviews*, **1997**, 160, 127-38	11.3	37
114	Qualitatively distinct signaling through T cell antigen receptor subunits. *European Journal of Immunology*, **1997**, 27, 707-16	6.1	37
113	A rapid method for the purification of immunoglobulin M (IgM) from the sera of certain mammalian species. *Preparative Biochemistry and Biotechnology*, **1974**, 4, 31-46		37
112	B-cell antigen receptor competence regulates B-lymphocyte selection and survival. *Immunological Reviews*, **2000**, 176, 141-53	11.3	36
111	Distinct mechanisms mediate SHC association with the activated and resting B cell antigen receptor. *European Journal of Immunology*, **1996**, 26, 1960-5	6.1	35
110	mIgM:mIgD ratios on B cells: mean mIgD expression exceeds mIgM by 10-fold on most splenic B cells. *Journal of Immunology*, **1984**, 132, 1712-6	5.3	35
109	B cell antigen receptor desensitization: disruption of receptor coupling to tyrosine kinase activation. *Journal of Immunology*, **1997**, 159, 231-43	5.3	35

108	STING/MPYS mediates host defense against Listeria monocytogenes infection by regulating Ly6C(hi) monocyte migration. *Journal of Immunology*, **2013**, 190, 2835-43	5.3	34
107	Cutting edge: Complement (C3d)-linked antigens break B cell anergy. *Journal of Immunology*, **2007**, 179, 2695-9	5.3	34
106	Transmodulation of BCR signaling by transduction-incompetent antigen receptors: implications for impaired signaling in anergic B cells. *Journal of Immunology*, **2002**, 168, 4344-51	5.3	34
105	Cutting Edge: Acute and chronic exposure of immature B cells to antigen leads to impaired homing and SHIP1-dependent reduction in stromal cell-derived factor-1 responsiveness. *Journal of Immunology*, **2007**, 178, 3353-7	5.3	33
104	Mesenchymal Stem Cells Recruit CCR2 Monocytes To Suppress Allergic Airway Inflammation. *Journal of Immunology*, **2018**, 200, 1261-1269	5.3	32
103	Unique features of SHIP, SHP-1 and SHP-2 binding to FcgammaRIIb revealed by surface plasmon resonance analysis. *Immunology Letters*, **1999**, 68, 35-40	4.1	32
102	Cellular reactive oxygen species inhibit MPYS induction of IFN *PLoS ONE*, **2010**, 5, e15142	3.7	31
101	FcgammaRIIB signals inhibit BLyS signaling and BCR-mediated BLyS receptor up-regulation. *Blood*, **2009**, 113, 1464-73	2.2	31
100	Fc gamma RIIB activation leads to inhibition of signalling by independently ligated receptors. *Biochemical Society Transactions*, **2003**, 31, 281-5	5.1	31
99	Ligation of membrane immunoglobulin leads to inactivation of the signal-transducing ability of membrane immunoglobulin, CD19, CD21, and B-cell gp95. *Proceedings of the National Academy of Sciences of the United States of America*, **1990**, 87, 8766-70	11.5	31
98	B cell receptor signaling in human systemic lupus erythematosus. *Current Opinion in Rheumatology*, **2006**, 18, 451-5	5.3	30
97	T cells affect IL-4 production and B-cell tolerance. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E39-48	11.5	29
96	T Cells Shape Preimmune Peripheral B Cell Populations. *Journal of Immunology*, **2016**, 196, 217-31	5.3	29
95	Putting on the Brakes: Regulatory Kinases and Phosphatases Maintaining B Cell Anergy. *Frontiers in Immunology*, **2018**, 9, 665	8.4	29
94	Positive regulation of interleukin-4-mediated proliferation by the SH2-containing inositol-5phosphatase. *Journal of Biological Chemistry*, **2000**, 275, 29275-82	5.4	29
93	Fc gamma RIIB as a potential molecular target for intravenous gamma globulin therapy. *Journal of Allergy and Clinical Immunology*, **2001**, 108, S95-8	11.5	28
92	CD4 binding to major histocompatibility complex class II antigens induces LFA-1-dependent and -independent homotypic adhesion of B lymphocytes. *European Journal of Immunology*, **1992**, 22, 147-52	6.1	28
91	A balance between B cell receptor and inhibitory receptor signaling controls plasma cell differentiation by maintaining optimal Ets1 levels. *Journal of Immunology*, **2014**, 193, 909-920	5.3	27

90	A dose-dependent role for EBF1 in repressing non-B-cell-specific genes. *European Journal of Immunology*, **2011**, 41, 1787-93	6.1	27
89	Sorting of B lymphoblasts based upon cell diameter provides cell populations enriched in different stages of cell cycle. *Journal of Immunological Methods*, **1983**, 63, 45-56	2.5	27
88	Molecular targets of CD45 in B cell antigen receptor signal transduction. *Journal of Immunology*, **1997**, 158, 1116-24	5.3	27
87	Role of B lymphocytes in the pathogenesis of type 1 diabetes. *Current Diabetes Reports*, **2014**, 14, 543	5.6	26
86	Anti-CD79 antibody induces B cell anergy that protects against autoimmunity. *Journal of Immunology*, **2014**, 192, 1641-50	5.3	26
85	Autoimmunity risk alleles: hotspots in B cell regulatory signaling pathways. *Journal of Clinical Investigation*, **2013**, 123, 1928-31	15.9	26
84	Activation of thyroid antigen-reactive B cells in recent onset autoimmune thyroid disease patients. *Journal of Autoimmunity*, **2018**, 89, 82-89	15.5	26
83	Production of multiple lymphokines by the A20.1 B cell lymphoma after cross-linking of membrane Ig by immobilized anti-Ig. *Journal of Immunology*, **1989**, 143, 881-9	5.3	25
82	Tyrosine kinase and CD45 tyrosine phosphatase activity mediate p21ras activation in B cells stimulated through the antigen receptor. *Journal of Immunology*, **1994**, 152, 3306-16	5.3	25
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