Antonio Coutinho

List of Publications by Citations

278 papers	14,946 citations	63 h-index	109 g-index
284 ext. papers	15,571 ext. citations	8.9 avg, IF	5.87 L-index

#	Paper	IF	Citations
278	A plaque assay for all cells secreting Ig of a given type or class. *European Journal of Immunology*, **1976**, 6, 588-90	6.1	957
277	Natural autoantibodies. *Current Opinion in Immunology*, **1995**, 7, 812-8	7.8	515
276	Two distinct factors are required for induction of T-cell growth. *Nature*, **1980**, 283, 664-6	50.4	390
275	Second generation immune networks. *Trends in Immunology*, **1991**, 12, 159-66		308
274	High frequency of natural autoantibodies in normal newborn mice. *Journal of Immunology*, **1985**, 134, 765-71	5.3	301
273	Clonal growth and maturation to immunoglobulin secretion in vitro of every growth-inducible B lymphocyte. *Cell*, **1977**, 10, 27-34	56.2	289
272	Self-reactive antibodies (natural autoantibodies) in healthy individuals. *Journal of Immunological Methods*, **1998**, 216, 117-37	2.5	267
271	Localization of gamma/delta T cells to the intestinal epithelium is independent of normal microbial colonization. *Journal of Experimental Medicine*, **1990**, 172, 239-44	16.6	228
270	Reactions among IgM antibodies derived from normal, neonatal mice. *European Journal of Immunology*, **1984**, 14, 435-41	6.1	217
269	Mechanism of thymus-independent immunocyte triggering. Mitogenic activation of B cells results in specific immune responses. *Journal of Experimental Medicine*, **1974**, 139, 74-92	16.6	216
268	Specificity requirements for selection and effector functions of CD25+4+ regulatory T cells in anti-myelin basic protein T cell receptor transgenic mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 8213-8	11.5	214
267	Heme oxygenase-1 affords protection against noncerebral forms of severe malaria. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 15837-42	11.5	211
266	Beyond clonal selection and network. *Immunological Reviews*, **1989**, 110, 63-87	11.3	202
265	The role of mitogenic lectins in T-cell triggering. *Nature*, **1979**, 280, 239-41	50.4	197
264	Immune Activation of B Cells: Evidence for One Nonspecific Triggering Signal Not Delivered by the Ig Receptors. *Scandinavian Journal of Immunology*, **1974**, 3, 133-146	3.4	184
263	All T15 Id-positive antibodies (but not the majority of VHT15+ antibodies) are produced by peritoneal CD5+ B lymphocytes. *International Immunology*, **1990**, 2, 515-20	4.9	177
262	Autonomous activation of B and T cells in antigen-free mice. *European Journal of Immunology*, **1986**, 16, 685-8	6.1	169

261	Frequencies of mitogen-reactive B cells in the mouse. I. Distribution in different lymphoid organs from different inbred strains of mice at different ages. *Journal of Experimental Medicine*, **1977**, 145, 1511-9	16.6	162
260	The repertoire of serum IgM in normal mice is largely independent of external antigenic contact. *European Journal of Immunology*, **1997**, 27, 1557-63	6.1	160
259	Genetic defect in responsiveness to the B cell mitogen lipopolysaccharide. *European Journal of Immunology*, **1977**, 7, 325-8	6.1	155
258	Invariance and restriction toward a limited set of self-antigens characterize neonatal IgM antibody repertoires and prevail in autoreactive repertoires of healthy adults. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 3839-43	11.5	148
257	Immunobiology of murine T. cruzi infection: the predominance of parasite-nonspecific responses and the activation of TCRI T cells. *Immunological Reviews*, **1989**, 112, 183-207	11.3	147
256	Thymic epithelium tolerizes for histocompatibility antigens. *Science*, **1990**, 247, 1471-1474	33.3	147
255	Studies on T lymphocyte activation II. The target cells for concanavalin A-induced growth factors. *European Journal of Immunology*, **1979**, 9, 587-92	6.1	137
254	Studies on T lymphocyte activation. I. Requirements for the mitogen-dependent production of T cell growth factors. *European Journal of Immunology*, **1979**, 9, 581-7	6.1	136
253	Polyclonal lymphocyte responses to murine Trypanosoma cruzi infection. I. Quantitation of both T- and B-cell responses. *Scandinavian Journal of Immunology*, **1986**, 24, 661-8	3.4	131
252	Global analysis of antibody repertoires. II. Evidence for specificity, self-selection and the immunological "homunculus" of antibodies in normal serum. *European Journal of Immunology*, **1993**, 23, 2851-9	6.1	129
251	Antibody repertoires of normal BALB/c mice: B lymphocyte populations defined by state of activation. *Immunological Reviews*, **1986**, 93, 147-69	11.3	123
250	From an antigen-centered, clonal perspective of immune responses to an organism-centered, network perspective of autonomous activity in a self-referential immune system. *Immunological Reviews*, **1984**, 79, 151-68	11.3	120
249	Frequencies of mitogen-reactive B cells in the mouse. II. Frequencies of B cells producing antibodies which lyse sheep or horse erythrocytes, and trinitrophenylated or nitroiodophenylated sheep erythrocytes. *Journal of Experimental Medicine*, **1977**, 145, 1520-30	16.6	120
248	Specific T helper cells that activate B cells polyclonally. In vitro enrichment and cooperative function. *Journal of Experimental Medicine*, **1980**, 151, 587-601	16.6	119
247	Genetic basis for unresponsiveness to lipopolysaccharide in C57BL/10Cr mice. *Immunogenetics*, **1978**, 7, 17-24	3.2	117
246	The high idiotypic connectivity of "natural" newborn antibodies is not found in adult mitogen-reactive B cell repertoires. *European Journal of Immunology*, **1986**, 16, 82-7	6.1	109
245	Evidence for a thymus-dependent form of tolerance that is not based on elimination or anergy of reactive T cells. *Immunological Reviews*, **1996**, 149, 35-53	11.3	108
244	Global analysis of antibody repertoires. 1. An immunoblot method for the quantitative screening of a large number of reactivities. *Scandinavian Journal of Immunology*, **1994**, 39, 79-87	3.4	104

243	A model for developmentally acquired thymus-dependent tolerance to central and peripheral antigens. *Immunological Reviews*, **1996**, 149, 155-20	11.3	100
242	Establishment of tissue-specific tolerance is driven by regulatory T cells selected by thymic epithelium. *European Journal of Immunology*, **1996**, 26, 1807-15	6.1	99
241	Analysis of the natural human IgG antibody repertoire: life-long stability of reactivities towards self antigens contrasts with age-dependent diversification of reactivities against bacterial antigens. *European Journal of Immunology*, **1995**, 25, 2598-604	6.1	99
240	Evidence for a functional idiotypic network among natural antibodies in normal mice. *Proceedings of the National Academy of Sciences of the United States of America*, **1989**, 86, 5074-8	11.5	99
239	A suggested mechanism for T lymphocyte activation: implications on the acquisition of functional reactivities. *Immunological Reviews*, **1980**, 51, 61-91	11.3	99
238	Analysis of the normal human IgG antibody repertoire. Evidence that IgG autoantibodies of healthy adults recognize a limited and conserved set of protein antigens in homologous tissues. *Journal of Immunology*, **1995**, 154, 5769-78	5.3	98
237	A novel cell surface molecule on early B-lineage cells. *Nature*, **1986**, 321, 616-8	50.4	97
236	Absolute frequencies of lipopolysaccharide-reactive B cells producing A5A idiotype in unprimed, streptococcal A carbohydrate-primed, anti-A5A idiotype-sensitized and anti-A5A idiotype-suppressed A/J mice. *Journal of Experimental Medicine*, **1977**, 146, 1436-49	16.6	97
235	Immunocompetent autoreactive B lymphocytes are activated cycling cells in normal mice. *Journal of Experimental Medicine*, **1986**, 164, 25-35	16.6	96
234	Lymphocytes selected in allogeneic thymic epithelium mediate dominant tolerance toward tissue grafts of the thymic epithelium haplotype. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 7555-9	11.5	92
233	The self-reactive antibody repertoire of normal human serum IgM is acquired in early childhood and remains conserved throughout life. *Scandinavian Journal of Immunology*, **1996**, 44, 243-51	3.4	82
232	Metabolic adaptation to tissue iron overload confers tolerance to malaria. *Cell Host and Microbe*, **2012**, 12, 693-704	23.4	81
231	Most B cells in acute Trypanosoma cruzi infection lack parasite specificity. *Scandinavian Journal of Immunology*, **1988**, 28, 553-61	3.4	78
230	Normal serum immunoglobulins participate in the selection of peripheral B-cell repertoires. *Proceedings of the National Academy of Sciences of the United States of America*, **1991**, 88, 5640-4	11.5	77
229	Selection of VH gene repertoires: differentiating B cells of adult bone marrow mimic fetal development. *International Immunology*, **1990**, 2, 15-23	4.9	77
228	Establishment of idiotypic helper T-cell repertoires early in life. *Nature*, **1985**, 317, 721-3	50.4	76
227	An antiserum which recognizes lipopolysaccharide-reactive B cells in the mouse. *European Journal of Immunology*, **1978**, 8, 56-62	6.1	76
226	Population dynamics of natural antibodies in normal and autoimmune individuals. *Proceedings of the National Academy of Sciences of the United States of America*, **1991**, 88, 5917-21	11.5	74

225	Lamarckian inheritance by somatically acquired maternal IgG phenotypes. *Trends in Immunology*, **2004**, 25, 180-6	14.4	73
224	The switch from IgM to IgG secretion in single mitogen-stimulated B-cell clones. *Journal of Experimental Medicine*, **1978**, 147, 1744-54	16.6	71
223	Very large and isotypically atypical polyclonal plaque-forming cell responses in mice infected with Trypanosoma cruzi. *European Journal of Immunology*, **1985**, 15, 201-3	6.1	70
222	IgM antibodies induce the production of antibodies of the same specificity. *Proceedings of the National Academy of Sciences of the United States of America*, **1980**, 77, 1125-8	11.5	70
221	B-cell activation by helper cells is a two-step process. *Nature*, **1981**, 290, 60-61	50.4	70
220	Spleen cells from animals tolerant to a thymus-dependent antigen can be activated by lipopolysaccharide to synthesize antibodies against the tolerogen. *Journal of Experimental Medicine* , **1976**, 143, 1429-38	16.6	70
219	Analysis of natural and disease-associated autoantibody repertoires: anti-endothelial cell IgG autoantibody activity in the serum of healthy individuals and patients with systemic lupus erythematosus. *International Immunology*, **1994**, 6, 1651-60	4.9	67
218	Expression of antibody V-regions is genetically and developmentally controlled and modulated by the B lymphocyte environment. *International Immunology*, **1989**, 1, 342-54	4.9	67
217	Immunity to microbes: lessons from primary immunodeficiencies. *Infection and Immunity*, **2007**, 75, 1545-55	3.7	66
216	Administration to mouse of endotoxin from gram-negative bacteria leads to activation and apoptosis of T lymphocytes. *European Journal of Immunology*, **1998**, 28, 488-95	6.1	63
215	Thymic commitment of regulatory T cells is a pathway of TCR-dependent selection that isolates repertoires undergoing positive or negative selection. *Current Topics in Microbiology and Immunology*, **2005**, 293, 43-71	3.3	63
214	Regulatory T cells: the physiology of autoreactivity in dominant tolerance and "quality control" of immune responses. *Immunological Reviews*, **2001**, 182, 89-98	11.3	62
213	Internal complementarities in the immune system: regulation of the expression of helper T-cell idiotypes. *Proceedings of the National Academy of Sciences of the United States of America*, **1984**, 81, 4520-3	11.5	61
212	Hapten-specific helper T cells. I. Collaboration with B cells to which the hapten has been directly coupled. *European Journal of Immunology*, **1980**, 10, 403-410	6.1	61
211	Parasitic load increases and myocardial inflammation decreases in Trypanosoma cruzi-infected mice after inactivation of helper T cells. *Annales De L'Institut Pasteur Immunologie*, **1988**, 139, 225-36		59
210	Frequencies of background immunoglobulin-secreting cells in mice as a function if organ, age, and immune status. *Immunobiology*, **1981**, 158, 225-38	3.4	59
209	Mechanism of T cell activation. I. A screening of "step one" ligands. *European Journal of Immunology* , **1980**, 10, 93-9	6.1	58
208	Very rapid decay of mature B lymphocytes in the spleen. *Journal of Experimental Medicine*, **1981**, 154, 994-9	16.6	58

207	Tolerance and autoimmunity: lessons at the bedside of primary immunodeficiencies. *Advances in Immunology*, **2007**, 95, 51-82	5.6	57
206	Natural effector T lymphocytes in normal mice. *Proceedings of the National Academy of Sciences of the United States of America*, **1985**, 82, 7691-5	11.5	57
205	Derivation of hybrids between a thymoma line and spleen cells activated in a mixed leukocyte reaction. *European Journal of Immunology*, **1977**, 7, 758-61	6.1	57
204	The role of thymic epithelium in the establishment of transplantation tolerance. *Immunological Reviews*, **1993**, 133, 225-40	11.3	56
203	B-cell growth factor: distinction from T-cell growth factor and B-cell maturation factor. *Proceedings of the National Academy of Sciences of the United States of America*, **1982**, 79, 7455-9	11.5	56
202	T cell dependence of the "natural" autoreactive B cell activation in the spleen of normal mice. *European Journal of Immunology*, **1988**, 18, 1615-22	6.1	55
201	Genetical control of B-cell responses. IV. Inheritance of the unresponsiveness to lipopolysaccharides. *Journal of Experimental Medicine*, **1975**, 142, 253-8	16.6	55
200	Further evidence for coelomic-associated B lymphocytes. *European Journal of Immunology*, **1989**, 19, 2031-5	6.1	53
199	Thymic epithelium tolerizes for histocompatibility antigens. *Science*, **1990**, 247, 1471-4	33.3	53
198	Clonal growth of T cells in vitro: preliminary attempts to a quantitative approach. *Immunological Reviews*, **1977**, 35, 3-37	11.3	52
197	Complement and antibody primary immunodeficiency in juvenile systemic lupus erythematosus patients. *Lupus*, **2011**, 20, 1275-84	2.6	51
196	A "trans" perspective on the control of immunoglobulin c gene expression. *Immunological Reviews*, **1982**, 67, 87-114	11.3	51
195	Decreased AIRE expression and global thymic hypofunction in Down syndrome. *Journal of Immunology*, **2011**, 187, 3422-30	5.3	50
194	Normal serum immunoglobulins influence the numbers of bone marrow pre-B and B cells. *European Journal of Immunology*, **1991**, 21, 1155-61	6.1	49
193	Polyclonal lymphocyte responses to murine Trypanosoma cruzi infection. II. Cytotoxic T lymphocytes. *Scandinavian Journal of Immunology*, **1986**, 24, 669-79	3.4	49
192	B cell participation in the recursive selection of T cell repertoires. *European Journal of Immunology*, **1988**, 18, 1015-20	6.1	49
191	Negative selection of multireactive B cell clones in normal adult mice. *European Journal of Immunology*, **1994**, 24, 1345-52	6.1	47
190	Selective peripheral expansion and activation of B cells expressing endogenous immunoglobulin in mu-transgenic mice. *European Journal of Immunology*, **1990**, 20, 991-8	6.1	47

189	Mitogen-activated B-cell blasts reactive to more than one mitogen. *Journal of Experimental Medicine*, **1979**, 149, 553-64	16.6	47
188	Suppression of a "recurrent" idiotype results in profound alterations of the whole B-cell compartment. *Proceedings of the National Academy of Sciences of the United States of America*, **1981**, 78, 6416-20	11.5	46
187	Differential contribution of thymic outputs and peripheral expansion in the development of peripheral T cell pools. *European Journal of Immunology*, **1994**, 24, 1223-7	6.1	45
186	Macrophages suppress direct B-cell activation by lipopolysaccharide. *Scandinavian Journal of Immunology*, **1975**, 4, 707-20	3.4	45
185	A model of the immune network with B-T cell co-operation. I--Prototypical structures and dynamics. *Journal of Theoretical Biology*, **1996**, 182, 513-29	2.3	44
184	Abnormal T cell selection on nod thymic epithelium is sufficient to induce autoimmune manifestations in C57BL/6 athymic nude mice. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 4598-603	11.5	43
183	Fetal-onset IPEX: report of two families and review of literature. *Clinical Immunology*, **2015**, 156, 131-40	9	41
182	Observations on the mode of action of normal immunoglobulin at high doses. *Immunological Reviews*, **1994**, 139, 125-58	11.3	41
181	The relationship between connectivity and tolerance as revealed by computer simulation of the immune network: some lessons for an understanding of autoimmunity. *Journal of Autoimmunity*, **1989**, 2 Suppl, 15-23	15.5	41
180	The participation of B cells and antibodies in the selection and maintenance of T cell repertoires. *Immunological Reviews*, **1988**, 101, 191-215	11.3	41
179	Autoimmunity: the moving boundaries between physiology and pathology. *Journal of Autoimmunity*, **1988**, 1, 507-518	15.5	41
178	Transforming growth factor beta 2 and heme oxygenase 1 genes are risk factors for the cerebral malaria syndrome in Angolan children. *PLoS ONE*, **2010**, 5, e11141	3.7	40
177	V-region connectivity in T cell repertoires. *Annual Review of Immunology*, **1989**, 7, 209-49	34.7	40
176	Regulation of T cell growth factor production: arrest of TCGF production after 18 hours in normal lectin-stimulated mouse spleen cell cultures. *Journal of Immunology*, **1981**, 127, 407-11	5.3	40
175	IFNAR1 controls progression to cerebral malaria in children and CD8+ T cell brain pathology in Plasmodium berghei-infected mice. *Journal of Immunology*, **2013**, 190, 5118-27	5.3	39
174	Peripheral expansion of thymus-derived regulatory cells in anti-myelin basic protein T cell receptor transgenic mice. *European Journal of Immunology*, **2002**, 32, 3729-35	6.1	39
173	Receptor interactions on the membrane of resting and activated B cells. *Nature*, **1978**, 273, 304-6	50.4	39
172	Physiopathology of natural auto-antibodies: the case for regulation. *Journal of Autoimmunity*, **2007**, 29, 229-35	15.5	38

171	Immunoglobulin VH gene expression in Ly-1+ and conventional B lymphocytes. *European Journal of Immunology*, **1989**, 19, 1117-22	6.1	38
170	Differential requirements for activation and growth of unprimed cytotoxic and helper T lymphocytes. *European Journal of Immunology*, **1983**, 13, 719-25	6.1	38
169	Quantitative studies on concanavalin A-induced, TCGF-reactive T cells. I. Correlation between proliferation and lectin-dependent cytolytic activity. *Journal of Immunology*, **1981**, 127, 1081-5	5.3	38
168	Maternal transmission of idiotypic network interactions selecting available T cell repertoires. *European Journal of Immunology*, **1986**, 16, 1445-7	6.1	37
167	Regulatory T cells in microbial infection. *Seminars in Immunopathology*, **2006**, 28, 41-50		36
166	Positive and negative selection of antibody repertoires during B-cell differentiation. *Immunological Reviews*, **1994**, 137, 53-89	11.3	36
165	Tolerize one, tolerize them all: tolerance is self-assertion. *Trends in Immunology*, **1989**, 10, 264-6		36
164	Differential expression of VH gene families in peripheral B cell repertoires of newborn or adult immunoglobulin H chain congenic mice. *Journal of Experimental Medicine*, **1992**, 175, 1449-56	16.6	35
163	B lymphocyte activation upon exclusive recognition of major histocompatibility antigens by T helper cells. *European Journal of Immunology*, **1984**, 14, 222-7	6.1	35
162	In vitro induction of specific immune responses in the absence of serum: requirement for nonspecific T or B cell mitogens. *European Journal of Immunology*, **1973**, 3, 531-7	6.1	35
161	A missing dimension in measures of vaccination impacts. *PLoS Pathogens*, **2014**, 10, e1003849	7.6	34
160	Immunological consequences of HIV infection: advantage of being low responder casts doubts on vaccine development. *Lancet, The*, **1988**, 1, 454-7	40	34
159	Antigen-independent, IgM-induced antibody responses: requirement for "recurrent" idiotypes. *European Journal of Immunology*, **1982**, 12, 146-51	6.1	34
158	Early-onset autoimmune disease as a manifestation of primary immunodeficiency. *Frontiers in Immunology*, **2015**, 6, 185	8.4	33
157	Regulatory T cells in thymic epithelium-induced tolerance. I. Suppression of mature peripheral non-tolerant T cells. *European Journal of Immunology*, **1995**, 25, 2563-71	6.1	33
156	Transplantation tolerance correlates with high levels of T- and B-lymphocyte activity. *Proceedings of the National Academy of Sciences of the United States of America*, **1989**, 86, 272-6	11.5	33
155	Shared antigenic determinants by mitogen receptors and antibody molecules to the same thymus-independent antigen. *Journal of Experimental Medicine*, **1978**, 148, 862-70	16.6	33
154	Role of the humoral immune response in resistance to Theiler virus infection. *Journal of Virology*, **1991**, 65, 3895-9	6.6	33

153	A model of the immune network with B-T cell co-operation. II--The simulation of ontogenesis. *Journal of Theoretical Biology*, **1996**, 182, 531-47	2.3	32
152	VH-gene family dominance in ageing mice. *Scandinavian Journal of Immunology*, **1994**, 39, 184-8	3.4	32
151	Biased VH gene expression in murine CD5 B cells results from age-dependent cellular selection. *European Journal of Immunology*, **1991**, 21, 2017-23	6.1	32
150	Endogenous VH gene family expression in immunoglobulin-transgenic mice: evidence for selection of antibody repertoires. *International Immunology*, **1991**, 3, 67-73	4.9	32
149	Selectivity of recognition of variable (V) regions of autoantibodies by intravenous immunoglobulin (IVIg). *Clinical Immunology and Immunopathology*, **1994**, 70, 124-8		31
148	Murine acariasis. II. Immunological dysfunction and evidence for chronic activation of Th-2 lymphocytes. *Scandinavian Journal of Immunology*, **1996**, 43, 604-12	3.4	30
147	"In vivo" activated splenic T cells are refractory to interleukin 2 growth "in vitro". *European Journal of Immunology*, **1987**, 17, 901-8	6.1	30
146	The polyclonal expression of immunoglobulin variable region determinants on the membrane of B cells and their precursors. *Seminars in Immunopathology*, **1980**, 3, 171-211		30
145	A functional idiotypic network of T helper cells and antibodies, limited to the compartment of "naturally" activated lymphocytes in normal mice. *European Journal of Immunology*, **1987**, 17, 821-5	6.1	29
144	Differential macrophage requirements for T helper cell and T helper cell-induced B lymphocyte proliferation. *Journal of Experimental Medicine*, **1983**, 157, 312-23	16.6	29
143	MHC restriction of male-antigen-specific T helper cells collaborating in antibody responses. *Immunogenetics*, **1982**, 15, 129-38	3.2	29
142	Hapten-induced B cell paralysis. II. Evidence for trivial mechanisms of tolerance. *European Journal of Immunology*, **1976**, 5, 413-20	6.1	29
141	T cell-dependent B cell activation. *Immunological Reviews*, **1984**, 78, 211-24	11.3	28
140	Immunophenotypic aberrations, DNA content, and cell cycle analysis of plasma cells in patients with myeloma and monoclonal gammopathies. *Blood Cells, Molecules, and Diseases*, **2000**, 26, 634-45	2.1	27
139	Thymic epithelium induces full tolerance to skin and heart but not to B lymphocyte grafts. *European Journal of Immunology*, **1995**, 25, 438-45	6.1	27
138	Studies on the T cell dependence of natural IgM and IgG antibody repertoires in adult mice. *European Journal of Immunology*, **1995**, 25, 1358-65	6.1	27
137	Suppression of antibody responses to the acetylcholine receptor by natural antibodies. *European Journal of Immunology*, **1989**, 19, 1425-30	6.1	27
136	Expression of V-region-like determinants on Ig-negative precursors in murine fetal liver and bone marrow. *Nature*, **1979**, 280, 241-3	50.4	27

135	Immune networks. Frequencies of antibody- and idiotype-producing B cell clones in various steady states. *Journal of Experimental Medicine*, **1981**, 154, 552-6	16.6	27
134	Dynamics of serum IgM autoreactive repertoires following immunization: strain specificity, inheritance and association with autoimmune disease susceptibility. *European Journal of Immunology*, **1998**, 28, 3616-29	6.1	26
133	The basis for major histocompatibility complex (MHC) and immunoglobulin gene control of helper T cell idiotopes. *European Journal of Immunology*, **1986**, 16, 417-22	6.1	26
132	Idiotypic determinants of natural IgM antibodies that resemble self Ia antigens. *Proceedings of the National Academy of Sciences of the United States of America*, **1984**, 81, 3175-9	11.5	26
131	The production of membrane or secretory forms immunoglobulins is regulated by C-gene-specific signals. *Nature*, **1982**, 299, 173-5	50.4	26
130	Mechanism of b-lymphocyte activation: failure to obtain evidence of a direct role of the Ig receptors in the triggering process. *Scandinavian Journal of Immunology*, **1975**, 4, 37-52	3.4	26
129	Maternal IgG stimulates B lineage cell development in the progeny. *European Journal of Immunology*, **1997**, 27, 788-93	6.1	25
128	Genetic control of natural antibody repertoires: I. IgH, MHC and TCR beta loci. *European Journal of Immunology*, **1998**, 28, 1104-15	6.1	25
127	Murine acariasis: I. Pathological and clinical evidence suggesting cutaneous allergy and wasting syndrome in BALB/c mouse. *Research in Immunology*, **1996**, 147, 27-38		25
126	Transplantation tolerance is unrelated to superantigen-dependent deletion and anergy. *Proceedings of the National Academy of Sciences of the United States of America*, **1992**, 89, 10420-4	11.5	25
125	Cellular basis for the age-associated increase in autoimmune reactions. *International Immunology*, **1990**, 2, 329-35	4.9	25
124	The majority of "natural" immunoglobulin-secreting cells are short-lived and the progeny of cycling lymphocytes. *European Journal of Immunology*, **1987**, 17, 849-54	6.1	25
123	Inverse correlation between the utilization of an idiotype in specific immune responses and its representation in pre-immune "natural" antibodies. *European Journal of Immunology*, **1988**, 18, 571-6	6.1	25
122	Primary immunodeficiencies unravel critical aspects of the pathophysiology of autoimmunity and of the genetics of autoimmune disease. *Journal of Clinical Immunology*, **2008**, 28 Suppl 1, S4-10	5.7	24
121	Innate immunity: from lymphocyte mitogens to Toll-like receptors and back. *Current Opinion in Immunology*, **2003**, 15, 599-602	7.8	24
120	The age-associated increase in autoreactive immunoglobulins reflects a quantitative increase in specificities detectable at lower concentrations in young mice. *Scandinavian Journal of Immunology*, **1996**, 44, 437-43	3.4	24
119	Origin of CD5+ B cells and natural IgM-secreting cells: reconstitution potential of adult bone marrow, spleen and peritoneal cells. *European Journal of Immunology*, **1992**, 22, 1243-51	6.1	24
118	Are lymphocytes concerned with our definition of idiotypes?. *Trends in Immunology*, **1993**, 14, 513-5		24

117	On the role of I-A antigens in lectin- and antigen-induced interleukin 2 production. *European Journal of Immunology*, **1984**, 14, 431-5	6.1	24
116	Requirement for the involvement of clonally distributed receptors in the activation of cytotoxic T lymphocytes. *Immunological Reviews*, **1982**, 68, 67-88	11.3	24
115	The Le Douarin phenomenon: a shift in the paradigm of developmental self-tolerance. *International Journal of Developmental Biology*, **2005**, 49, 131-6	1.9	23
114	Significant association between the skewed natural antibody repertoire of Xid mice and resistance to Trypanosoma cruzi infection. *European Journal of Immunology*, **2001**, 31, 634-45	6.1	23
113	Type I IFN sets the stringency of B cell repertoire selection in the bone marrow. *International Immunology*, **1999**, 11, 279-88	4.9	22
112	V region dependent selection of persistent resting peripheral B cells in normal mice. *International Immunology*, **1993**, 5, 599-605	4.9	22
111	Expression and selection of murine antibody repertoires. *International Reviews of Immunology*, **1992**, 8, 173-87	4.6	22
110	Suppression of B cell differentiation by ligation of membrane-bound IgM. *European Journal of Immunology*, **1993**, 23, 1561-5	6.1	22
109	Stimulation of B and T cells by in vivo high dose immunoglobulin administration in normal mice. *Journal of Autoimmunity*, **1991**, 4, 325-39	15.5	22
108	Distinct helper activities control growth or maturation of B lymphocytes. *European Journal of Immunology*, **1983**, 13, 249-54	6.1	22
107	A remarkable depletion of both naïve CD4+ and CD8+ with high proportion of memory T cells in an IPEX infant with a FOXP3 mutation in the forkhead domain. *Scandinavian Journal of Immunology*, **2008**, 68, 85-91	3.4	21
106	Isolation of peritoneal precursors of B-1 cells in the adult mouse. *European Journal of Immunology*, **1994**, 24, 1033-40	6.1	20
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104	Idiotypic multireactivity of "natural" antibodies. "Natural" anti-idiotypes also inhibit helper cells with cross-reactive clonotypes. *Scandinavian Journal of Immunology*, **1987**, 25, 497-505	3.4	20
103	Isotype commitment in the in vivo immune responses. II. Polyclonal plaque-forming cell responses to lipopolysaccharide in the spleen and bone marrow. *European Journal of Immunology*, **1983**, 13, 44-50	6.1	20
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