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294
papers

30,849
citations

87
h-index

171
g-index

325
ext. papers

34,416
ext. citations

15.2
avg, IF

6.81
L-index

#	Paper	IF	Citations
294	Caspase-11 cleaves gasdermin D for non-canonical inflammasome signalling. <i>Nature</i> , 2015 , 526, 666-71	50.4	1654
293	Differential activation of transcription factors induced by Ca ²⁺ response amplitude and duration. <i>Nature</i> , 1997 , 386, 855-8	50.4	1552
292	Altered immunoglobulin expression and functional silencing of self-reactive B lymphocytes in transgenic mice. <i>Nature</i> , 1988 , 334, 676-82	50.4	1320
291	C3d of complement as a molecular adjuvant: bridging innate and acquired immunity. <i>Science</i> , 1996 , 271, 348-50	33.3	1011
290	A RING-type ubiquitin ligase family member required to repress follicular helper T cells and autoimmunity. <i>Nature</i> , 2005 , 435, 452-8	50.4	686
289	Aire regulates negative selection of organ-specific T cells. <i>Nature Immunology</i> , 2003 , 4, 350-4	19.1	650
288	Elimination from peripheral lymphoid tissues of self-reactive B lymphocytes recognizing membrane-bound antigens. <i>Nature</i> , 1991 , 353, 765-9	50.4	601
287	Cellular and genetic mechanisms of self tolerance and autoimmunity. <i>Nature</i> , 2005 , 435, 590-7	50.4	519
286	Expansion of circulating T cells resembling follicular helper T cells is a fixed phenotype that identifies a subset of severe systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2010 , 62, 234-44		504
285	Aberrant mucin assembly in mice causes endoplasmic reticulum stress and spontaneous inflammation resembling ulcerative colitis. <i>PLoS Medicine</i> , 2008 , 5, e54	11.6	496
284	Competition for follicular niches excludes self-reactive cells from the recirculating B-cell repertoire. <i>Nature</i> , 1994 , 371, 389-95	50.4	481
283	Elimination of self-reactive B lymphocytes proceeds in two stages: arrested development and cell death. <i>Cell</i> , 1993 , 72, 325-35	56.2	457
282	Two levels of protection for the B cell genome during somatic hypermutation. <i>Nature</i> , 2008 , 451, 841-5	50.4	453
281	Induction of self-tolerance in mature peripheral B lymphocytes. <i>Nature</i> , 1989 , 342, 385-91	50.4	441
280	DNA repair is limiting for haematopoietic stem cells during ageing. <i>Nature</i> , 2007 , 447, 686-90	50.4	432
279	CD95 (Fas)-dependent elimination of self-reactive B cells upon interaction with CD4 ⁺ T cells. <i>Nature</i> , 1995 , 376, 181-4	50.4	426
278	Polygenic autoimmune traits: Lyn, CD22, and SHP-1 are limiting elements of a biochemical pathway regulating BCR signaling and selection. <i>Immunity</i> , 1998 , 8, 497-508	32.3	380

277	Balancing immunity and tolerance: deleting and tuning lymphocyte repertoires. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 2264-71	11.5	376
276	Expansion or elimination of B cells in vivo: dual roles for CD40- and Fas (CD95)-ligands modulated by the B cell antigen receptor. <i>Cell</i> , 1996 , 87, 319-29	56.2	368
275	Protein tyrosine phosphatase 1C negatively regulates antigen receptor signaling in B lymphocytes and determines thresholds for negative selection. <i>Immunity</i> , 1995 , 2, 13-24	32.3	358
274	Antigen-induced B-cell death and elimination during germinal-centre immune responses. <i>Nature</i> , 1995 , 375, 334-8	50.4	346
273	Roquin represses autoimmunity by limiting inducible T-cell co-stimulator messenger RNA. <i>Nature</i> , 2007 , 450, 299-303	50.4	344
272	Developmental kinetics, turnover, and stimulatory capacity of thymic epithelial cells. <i>Blood</i> , 2006 , 108, 3777-85	2.2	335
271	Different nuclear signals are activated by the B cell receptor during positive versus negative signaling. <i>Immunity</i> , 1997 , 6, 419-28	32.3	334
270	Transgenic mice and analysis of B-cell tolerance. <i>Annual Review of Immunology</i> , 1992 , 10, 489-518	34.7	323
269	A critical role for complement in maintenance of self-tolerance. <i>Immunity</i> , 1998 , 9, 721-31	32.3	315
268	Multistep pathogenesis of autoimmune disease. <i>Cell</i> , 2007 , 130, 25-35	56.2	309
267	Control systems and decision making for antibody production. <i>Nature Immunology</i> , 2010 , 11, 681-8	19.1	303
266	Immunoglobulin signal transduction guides the specificity of B cell-T cell interactions and is blocked in tolerant self-reactive B cells. <i>Journal of Experimental Medicine</i> , 1994 , 179, 425-38	16.6	296
265	Positive versus negative signaling by lymphocyte antigen receptors. <i>Annual Review of Immunology</i> , 1998 , 16, 645-70	34.7	277
264	Resting and anergic B cells are defective in CD28-dependent costimulation of naive CD4+ T cells. <i>Journal of Experimental Medicine</i> , 1994 , 179, 1539-49	16.6	273
263	Identifying the MAGUK protein Carma-1 as a central regulator of humoral immune responses and atopy by genome-wide mouse mutagenesis. <i>Immunity</i> , 2003 , 18, 751-62	32.3	261
262	Gene dosage--limiting role of Aire in thymic expression, clonal deletion, and organ-specific autoimmunity. <i>Journal of Experimental Medicine</i> , 2004 , 200, 1015-26	16.6	254
261	Self-tolerance checkpoints in B lymphocyte development. <i>Advances in Immunology</i> , 1995 , 59, 279-368	5.6	252
260	T-bet-dependent S1P5 expression in NK cells promotes egress from lymph nodes and bone marrow. <i>Journal of Experimental Medicine</i> , 2009 , 206, 2469-81	16.6	242

259	Dependence of germinal center B cells on expression of CD21/CD35 for survival. <i>Science</i> , 1998 , 280, 582-5	35.3	225
258	Antigen-induced exclusion from follicles and anergy are separate and complementary processes that influence peripheral B cell fate. <i>Immunity</i> , 1995 , 3, 691-701	32.3	225
257	Breakdown of self-tolerance in anergic B lymphocytes. <i>Nature</i> , 1991 , 352, 532-6	50.4	224
256	Identification of phenotypically and functionally heterogeneous mouse mucosal-associated invariant T cells using MR1 tetramers. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1095-108	16.6	223
255	Regulation of B-lymphocyte negative and positive selection by tyrosine phosphatase CD45. <i>Nature</i> , 1996 , 381, 325-8	50.4	214
254	T cells and follicular dendritic cells in germinal center B-cell formation and selection. <i>Immunological Reviews</i> , 2010 , 237, 72-89	11.3	204
253	Dock8 mutations cripple B cell immunological synapses, germinal centers and long-lived antibody production. <i>Nature Immunology</i> , 2009 , 10, 1283-91	19.1	202
252	Differential up-regulation of the B7-1 and B7-2 costimulatory molecules after Ig receptor engagement by antigen. <i>Journal of Immunology</i> , 1994 , 153, 1990-7	5.3	201
251	Induction of self-tolerance in T cells but not B cells of transgenic mice expressing little self antigen. <i>Science</i> , 1991 , 251, 1223-5	33.3	195
250	The actin regulator coronin 1A is mutant in a thymic egress-deficient mouse strain and in a patient with severe combined immunodeficiency. <i>Nature Immunology</i> , 2008 , 9, 1307-15	19.1	184
249	A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. <i>Nature Immunology</i> , 2016 , 17, 1300-1311	19.1	183
248	Intravenous injection of soluble antigen induces thymic and peripheral T-cells apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 3031-6	11.5	175
247	Burst-enhancing role of the IgG membrane tail as a molecular determinant of memory. <i>Nature Immunology</i> , 2002 , 3, 182-8	19.1	174
246	Phosphorylation and linear ubiquitin direct A20 inhibition of inflammation. <i>Nature</i> , 2015 , 528, 370-5	50.4	167
245	Tuning antigen receptor signaling by CD22: integrating cues from antigens and the microenvironment. <i>Immunity</i> , 1997 , 6, 509-17	32.3	167
244	A range of CD4 T cell tolerance: partial inactivation to organ-specific antigen allows nondestructive thyroiditis or insulinitis. <i>Immunity</i> , 1997 , 7, 255-71	32.3	164
243	CD19-regulated signaling thresholds control peripheral tolerance and autoantibody production in B lymphocytes. <i>Journal of Experimental Medicine</i> , 1997 , 186, 1923-31	16.6	163
242	Resistance to CpG DNA-induced autoimmunity through tolerogenic B cell antigen receptor ERK signaling. <i>Nature Immunology</i> , 2003 , 4, 594-600	19.1	163

241	Pertussis toxin inhibits migration of B and T lymphocytes into splenic white pulp cords. <i>Journal of Experimental Medicine</i> , 1995 , 182, 581-6	16.6	158
240	Aire regulates the transfer of antigen from mTECs to dendritic cells for induction of thymic tolerance. <i>Blood</i> , 2011 , 118, 2462-72	2.2	153
239	A mouse forward genetics screen identifies LISTERIN as an E3 ubiquitin ligase involved in neurodegeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 2097-103	11.5	151
238	Redemption of autoantibodies on anergic B cells by variable-region glycosylation and mutation away from self-reactivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E2567-75	11.5	150
237	How self-tolerance and the immunosuppressive drug FK506 prevent B-cell mitogenesis. <i>Nature</i> , 2000 , 403, 672-6	50.4	147
236	CD83 increases MHC II and CD86 on dendritic cells by opposing IL-10-driven MARCH1-mediated ubiquitination and degradation. <i>Journal of Experimental Medicine</i> , 2011 , 208, 149-65	16.6	141
235	Comparison of predicted and actual consequences of missense mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5189-98	11.5	140
234	DOCK8 deficiency impairs CD8 T cell survival and function in humans and mice. <i>Journal of Experimental Medicine</i> , 2011 , 208, 2305-20	16.6	140
233	B-lymphocyte quiescence, tolerance and activation as viewed by global gene expression profiling on microarrays. <i>Immunological Reviews</i> , 2000 , 176, 216-46	11.3	136
232	Variability and repertoire size of T-cell receptor V alpha gene segments. <i>Nature</i> , 1985 , 317, 430-4	50.4	136
231	The need for central and peripheral tolerance in the B cell repertoire. <i>Science</i> , 1990 , 248, 1373-9	33.3	129
230	Widespread failure of hematolymphoid differentiation caused by a recessive niche-filling allele of the Ikaros transcription factor. <i>Immunity</i> , 2003 , 19, 131-44	32.3	125
229	A role for Alström syndrome protein, alms1, in kidney ciliogenesis and cellular quiescence. <i>PLoS Genetics</i> , 2007 , 3, e8	6	123
228	Failure to censor forbidden clones of CD4 T cells in autoimmune diabetes. <i>Journal of Experimental Medicine</i> , 2002 , 196, 1175-88	16.6	123
227	Immunoglobulin M and D antigen receptors are both capable of mediating B lymphocyte activation, deletion, or anergy after interaction with specific antigen. <i>Journal of Experimental Medicine</i> , 1992 , 176, 991-1005	16.6	123
226	Opposing functions of the T cell receptor kinase ZAP-70 in immunity and tolerance differentially titrate in response to nucleotide substitutions. <i>Immunity</i> , 2007 , 27, 912-26	32.3	121
225	Development and follicular localization of tolerant B lymphocytes in lysozyme/anti-lysozyme IgM/IgD transgenic mice. <i>International Immunology</i> , 1992 , 4, 163-75	4.9	119
224	Roquin differentiates the specialized functions of duplicated T cell costimulatory receptor genes CD28 and ICOS. <i>Immunity</i> , 2009 , 30, 228-41	32.3	117

223	Effects of the lpr mutation on elimination and inactivation of self-reactive B cells. <i>Journal of Immunology</i> , 1994 , 153, 2831-42	5.3	116
222	Fat aussie--a new Alström syndrome mouse showing a critical role for ALMS1 in obesity, diabetes, and spermatogenesis. <i>Molecular Endocrinology</i> , 2006 , 20, 1610-22		113
221	Roquin-2 shares functions with its paralog Roquin-1 in the repression of mRNAs controlling T follicular helper cells and systemic inflammation. <i>Immunity</i> , 2013 , 38, 669-80	32.3	112
220	Helios marks strongly autoreactive CD4+ T cells in two major waves of thymic deletion distinguished by induction of PD-1 or NF- κ B. <i>Journal of Experimental Medicine</i> , 2013 , 210, 269-85	16.6	111
219	Genome-wide ENU mutagenesis to reveal immune regulators. <i>Immunity</i> , 2001 , 15, 409-18	32.3	110
218	Self-reactive B lymphocytes overexpressing Bcl-xL escape negative selection and are tolerized by clonal anergy and receptor editing. <i>Immunity</i> , 1998 , 9, 35-45	32.3	109
217	Enhancement and suppression of signaling by the conserved tail of IgG memory-type B cell antigen receptors. <i>Journal of Experimental Medicine</i> , 2007 , 204, 759-69	16.6	107
216	Up-regulation of LFA-1 allows liver-resident memory T cells to patrol and remain in the hepatic sinusoids. <i>Science Immunology</i> , 2017 , 2,	28	102
215	Sequence interpretation. Functional annotation of mouse genome sequences. <i>Science</i> , 2001 , 291, 1251-533	33.3	101
214	NINJ1 mediates plasma membrane rupture during lytic cell death. <i>Nature</i> , 2021 , 591, 131-136	50.4	101
213	Adaptive failure to high-fat diet characterizes steatohepatitis in Alms1 mutant mice. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 342, 1152-9	3.4	99
212	ATP11C is critical for the internalization of phosphatidylserine and differentiation of B lymphocytes. <i>Nature Immunology</i> , 2011 , 12, 441-9	19.1	98
211	High-throughput targeted long-read single cell sequencing reveals the clonal and transcriptional landscape of lymphocytes. <i>Nature Communications</i> , 2019 , 10, 3120	17.4	95
210	Scaffolding of antigen receptors for immunogenic versus tolerogenic signaling. <i>Nature Immunology</i> , 2003 , 4, 1057-64	19.1	91
209	Role of Syk in B-cell development and antigen-receptor signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 1713-8	11.5	91
208	Clonal redemption of autoantibodies by somatic hypermutation away from self-reactivity during human immunization. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1255-65	16.6	90
207	Genetic predisposition for beta cell fragility underlies type 1 and type 2 diabetes. <i>Nature Genetics</i> , 2016 , 48, 519-27	36.3	83
206	Themis is a member of a new metazoan gene family and is required for the completion of thymocyte positive selection. <i>Nature Immunology</i> , 2009 , 10, 831-9	19.1	82

205	Massively parallel sequencing of the mouse exome to accurately identify rare, induced mutations: an immediate source for thousands of new mouse models. <i>Open Biology</i> , 2012 , 2, 120061	7	81
204	Entry of B cell receptor into signaling domains is inhibited in tolerant B cells. <i>Journal of Experimental Medicine</i> , 2000 , 191, 1443-8	16.6	81
203	Generalized resistance to thymic deletion in the NOD mouse; a polygenic trait characterized by defective induction of Bim. <i>Immunity</i> , 2004 , 21, 817-30	32.3	80
202	Danger - pathogen on the premises! Immunological tolerance. <i>Current Biology</i> , 1996 , 6, 519-22	6.3	80
201	Class II-restricted presentation of an endogenously derived immunodominant T-cell determinant of hen egg lysozyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 3290-4	11.5	79
200	Intrinsic B-cell hyporesponsiveness accounts for self-tolerance in lysozyme/anti-lysozyme double-transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 5687-91	11.5	79
199	Antigen-specific B cells preferentially induce CD4+ T cells to produce IL-4. <i>Journal of Immunology</i> , 1997 , 158, 4171-9	5.3	79
198	Finding new immune regulatory genes by ENU mutagenesis. <i>Journal of Translational Medicine</i> , 2012 , 10,	8.5	78
197	Abortive proliferation of rare T cells induced by direct or indirect antigen presentation by rare B cells in vivo. <i>Journal of Experimental Medicine</i> , 1998 , 187, 1611-21	16.6	77
196	Autosomal-dominant B-cell deficiency with alopecia due to a mutation in NFKB2 that results in nonprocessable p100. <i>Blood</i> , 2014 , 124, 2964-72	2.2	76
195	Germinal center antibody mutation trajectories are determined by rapid self/foreign discrimination. <i>Science</i> , 2018 , 360, 223-226	33.3	75
194	Repression of B7.2 on self-reactive B cells is essential to prevent proliferation and allow Fas-mediated deletion by CD4(+) T cells. <i>Journal of Experimental Medicine</i> , 1998 , 188, 651-9	16.6	73
193	CD45-Csk phosphatase-kinase titration uncouples basal and inducible T cell receptor signaling during thymic development. <i>Immunity</i> , 2010 , 32, 342-54	32.3	70
192	A DOCK8-WIP-WASp complex links T cell receptors to the actin cytoskeleton. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3837-3851	15.9	70
191	Consequences of the recurrent MYD88(L265P) somatic mutation for B cell tolerance. <i>Journal of Experimental Medicine</i> , 2014 , 211, 413-26	16.6	69
190	Pathways for self-tolerance and the treatment of autoimmune diseases. <i>Lancet, The</i> , 2001 , 357, 2115-2140		69
189	B cell survival, surface BCR and BAFFR expression, CD74 metabolism, and CD8- dendritic cells require the intramembrane endopeptidase SPPL2A. <i>Journal of Experimental Medicine</i> , 2013 , 210, 31-40	16.6	68
188	An essential role for katanin p80 and microtubule severing in male gamete production. <i>PLoS Genetics</i> , 2012 , 8, e1002698	6	68

187	Self tolerance in the B-cell repertoire. <i>Immunological Reviews</i> , 1991 , 122, 5-19	11.3	68
186	IRF2 transcriptionally induces expression for pyroptosis. <i>Science Signaling</i> , 2019 , 12,	8.8	67
185	Identification of a Steap3 endosomal targeting motif essential for normal iron metabolism. <i>Blood</i> , 2009 , 113, 1805-8	2.2	66
184	ERK signaling is a molecular switch integrating opposing inputs from B cell receptor and T cell cytokines to control TLR4-driven plasma cell differentiation. <i>Journal of Immunology</i> , 2006 , 177, 5337-46	5.3	66
183	Thrombocytopenia and kidney disease in mice with a mutation in the C1galt1 gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 16442-7	11.5	66
182	Secretion of a chimeric T-cell receptor-immunoglobulin protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987 , 84, 2936-40	11.5	64
181	Memory T cell RNA rearrangement programmed by heterogeneous nuclear ribonucleoprotein hnRNPLL. <i>Immunity</i> , 2008 , 29, 863-75	32.3	62
180	HENMT1 and piRNA Stability Are Required for Adult Male Germ Cell Transposon Repression and to Define the Spermatogenic Program in the Mouse. <i>PLoS Genetics</i> , 2015 , 11, e1005620	6	62
179	The ROQUIN family of proteins localizes to stress granules via the ROQ domain and binds target mRNAs. <i>FEBS Journal</i> , 2010 , 277, 2109-27	5.7	61
178	The regulation of self-reactive B cells. <i>Current Opinion in Immunology</i> , 1995 , 7, 804-11	7.8	61
177	DOCK8 is critical for the survival and function of NKT cells. <i>Blood</i> , 2013 , 122, 2052-61	2.2	60
176	A selective defect in IgM antigen receptor synthesis and transport causes loss of cell surface IgM expression on tolerant B lymphocytes. <i>EMBO Journal</i> , 1994 , 13, 816-826	13	58
175	Genetic lesions in T-cell tolerance and thresholds for autoimmunity. <i>Immunological Reviews</i> , 2005 , 204, 87-101	11.3	57
174	Censoring of self-reactive B cells with a range of receptor affinities in transgenic mice expressing heavy chains for a lysozyme-specific antibody. <i>International Immunology</i> , 1994 , 6, 1417-25	4.9	57
173	Expression of T-cell receptor alpha-chain genes in transgenic mice. <i>Molecular and Cellular Biology</i> , 1988 , 8, 5459-69	4.8	56
172	Self-reactive B cells are not eliminated or inactivated by autoantigen expressed on thyroid epithelial cells. <i>Journal of Experimental Medicine</i> , 1997 , 186, 2005-12	16.6	54
171	ENU-mutagenesis: insight into immune function and pathology. <i>Current Opinion in Immunology</i> , 2006 , 18, 627-33	7.8	54
170	Dedicator of cytokinesis 8-deficient CD4 T α cells are biased to a T2 effector fate at the expense of T1 and T17 α cells. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 933-949	11.5	51

169	B-cell receptor reconstruction from single-cell RNA-seq with VDJpuzzle. <i>Bioinformatics</i> , 2018 , 34, 2846-2847	28.7	50
168	RAB-like 2 has an essential role in male fertility, sperm intra-flagellar transport, and tail assembly. <i>PLoS Genetics</i> , 2012 , 8, e1002969	6	50
167	Analysis of an ethylnitrosourea-generated mouse mutation defines a cell intrinsic role of nuclear factor kappaB2 in regulating circulating B cell numbers. <i>Journal of Experimental Medicine</i> , 2002 , 196, 1113-9	16.6	50
166	Identification of a pathogenic variant in TREX1 in early-onset cerebral systemic lupus erythematosus by Whole-exome sequencing. <i>Arthritis and Rheumatology</i> , 2014 , 66, 3382-6	9.5	48
165	Anti-islet autoantibodies trigger autoimmune diabetes in the presence of an increased frequency of islet-reactive CD4 T cells. <i>Diabetes</i> , 2011 , 60, 2102-11	0.9	48
164	Redundant expression but selective utilization of nuclear factor of activated T cells family members. <i>Journal of Immunology</i> , 1997 , 159, 2735-40	5.3	47
163	Signaling through murine CD38 is impaired in antigen receptor-unresponsive B cells. <i>European Journal of Immunology</i> , 1995 , 25, 1338-45	6.1	45
162	Axon growth and guidance genes identify T-dependent germinal centre B cells. <i>Immunology and Cell Biology</i> , 2008 , 86, 3-14	5	44
161	Essential role of membrane cholesterol in accelerated BCR internalization and uncoupling from NF-kappa B in B cell clonal anergy. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1773-83	16.6	42
160	IgD attenuates the IgM-induced anergy response in transitional and mature B cells. <i>Nature Communications</i> , 2016 , 7, 13381	17.4	41
159	RBM5 is a male germ cell splicing factor and is required for spermatid differentiation and male fertility. <i>PLoS Genetics</i> , 2013 , 9, e1003628	6	41
158	T cell-mediated elimination of B7.2 transgenic B cells. <i>Immunity</i> , 1997 , 6, 327-39	32.3	41
157	LRGUK-1 is required for basal body and manchette function during spermatogenesis and male fertility. <i>PLoS Genetics</i> , 2015 , 11, e1005090	6	40
156	Attenuation of AMPK signaling by ROQUIN promotes T follicular helper cell formation. <i>ELife</i> , 2015 , 4,	8.9	40
155	A mutation in a chromosome condensin II subunit, kleisin beta, specifically disrupts T cell development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 12445-50	11.5	39
154	A genomic view of immunology. <i>Nature</i> , 2001 , 409, 836-8	50.4	39
153	Rasgrp1 mutation increases naive T-cell CD44 expression and drives mTOR-dependent accumulation of Helios+ T cells and autoantibodies. <i>ELife</i> , 2013 , 2, e01020	8.9	38
152	The RNA-binding protein hnRNPLL induces a T cell alternative splicing program delineated by differential intron retention in polyadenylated RNA. <i>Genome Biology</i> , 2014 , 15, R26	18.3	37

151	A deleterious RNF43 germline mutation in a severely affected serrated polyposis kindred. <i>Human Genome Variation</i> , 2015 , 2, 15013	1.8	37
150	Unlocking the bottleneck in forward genetics using whole-genome sequencing and identity by descent to isolate causative mutations. <i>PLoS Genetics</i> , 2013 , 9, e1003219	6	37
149	Foxp3+ regulatory T cells exert asymmetric control over murine helper responses by inducing Th2 cell apoptosis. <i>Blood</i> , 2011 , 118, 1845-53	2.2	37
148	Lymphocyte homing: the scent of a follicle. <i>Current Biology</i> , 1997 , 7, R219-22	6.3	37
147	Zinc-finger protein ZFP318 is essential for expression of IgD, the alternatively spliced Igh product made by mature B lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4513-8	11.5	36
146	Decreased T-cell receptor signaling through CARD11 differentially compromises forkhead box protein 3-positive regulatory versus T(H)2 effector cells to cause allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 1277-85.e5	11.5	36
145	Illuminating autoimmune regulators through controlled variation of the mouse genome sequence. <i>Immunity</i> , 2004 , 20, 669-79	32.3	36
144	Lymphoma Driver Mutations in the Pathogenic Evolution of an Iconic Human Autoantibody. <i>Cell</i> , 2020 , 180, 878-894.e19	56.2	35
143	Chance encounters and organized rendezvous. <i>Immunological Reviews</i> , 1997 , 156, 5-10	11.3	35
142	Connecting mammalian genome with phenome by ENU mouse mutagenesis: gene combinations specifying the immune system. <i>Annual Review of Genetics</i> , 2005 , 39, 241-62	14.5	35
141	DNA Hypermethylation Encroachment at CpG Island Borders in Cancer Is Predisposed by H3K4 Monomethylation Patterns. <i>Cancer Cell</i> , 2019 , 35, 297-314.e8	24.3	34
140	Cell-intrinsic effects of non-MHC NOD genes on dendritic cell generation in vivo. <i>International Immunology</i> , 2002 , 14, 677-84	4.9	34
139	ZBTB7B (Th-POK) regulates the development of IL-17-producing CD1d-restricted mouse NKT cells. <i>Journal of Immunology</i> , 2012 , 189, 5240-9	5.3	33
138	Human lymphoma mutations reveal CARD11 as the switch between self-antigen-induced B cell death or proliferation and autoantibody production. <i>Journal of Experimental Medicine</i> , 2012 , 209, 1907-17	16.6	32
137	Balancing immunity, autoimmunity, and self-tolerance. <i>Annals of the New York Academy of Sciences</i> , 1997 , 815, 55-66	6.5	32
136	Single epitope multiple staining to detect ultralow frequency B cells. <i>Journal of Immunological Methods</i> , 2001 , 249, 137-46	2.5	32
135	Gene dose-dependent maturation and receptor editing of B cells expressing immunoglobulin (Ig)G1 or IgM/IgG1 tail antigen receptors. <i>Journal of Experimental Medicine</i> , 2000 , 191, 1031-44	16.6	32
134	T-cell regulation by casitas B-lineage lymphoma (Cblb) is a critical failsafe against autoimmune disease due to autoimmune regulator (Aire) deficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 14709-14	11.5	31

133	Spontaneous follicular exclusion of SHP1-deficient B cells is conditional on the presence of competitor wild-type B cells. <i>Journal of Experimental Medicine</i> , 1998 , 187, 929-37	16.6	31
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