C G Goodnow

List of Publications by Year
in descending order

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305 papers	38,038 citations	3151 92 h-index	3102 187 g-index
325 all docs	325 docs citations	325 times ranked	32583 citing authors

#	Article	IF	Citations
1	Caspase-11 cleaves gasdermin D for non-canonical inflammasome signalling. Nature, 2015, 526, 666-671.	13.7	2,622
2	Differential activation of transcription factors induced by Ca2+ response amplitude and duration. Nature, 1997, 386, 855-858.	13.7	1,684
3	Altered immunoglobulin expression and functional silencing of self-reactive B lymphocytes in transgenic mice. Nature, 1988, 334, 676-682.	13.7	1,475
4	C3d of Complement as a Molecular Adjuvant: Bridging Innate and Acquired Immunity. Science, 1996, 271, 348-350.	6.0	1,133
5	Differential activation of transcription factors induced by Ca2+ response amplitude and duration. Nature, 1997, 388, 308-308.	13.7	1,085
6	A RING-type ubiquitin ligase family member required to repress follicular helper T cells and autoimmunity. Nature, 2005, 435, 452-458.	13.7	777
7	Aire regulates negative selection of organ-specific T cells. Nature Immunology, 2003, 4, 350-354.	7.0	729
8	Elimination from peripheral lymphoid tissues of self-reactive B lymphocytes recognizing membrane-bound antigens. Nature, 1991, 353, 765-769.	13.7	649
9	Aberrant Mucin Assembly in Mice Causes Endoplasmic Reticulum Stress and Spontaneous Inflammation Resembling Ulcerative Colitis. PLoS Medicine, 2008, 5, e54.	3.9	602
10	Expansion of circulating T cells resembling follicular helper T cells is a fixed phenotype that identifies a subset of severe systemic lupus erythematosus. Arthritis and Rheumatism, 2010, 62, 234-244.	6.7	593
11	Cellular and genetic mechanisms of self tolerance and autoimmunity. Nature, 2005, 435, 590-597.	13.7	586
12	Competition for follicular niches excludes self-reactive cells from the recirculating B-cell repertoire. Nature, 1994, 371, 389-395.	13.7	527
13	Two levels of protection for the B cell genome during somatic hypermutation. Nature, 2008, 451, 841-845.	13.7	524
14	Induction of self-tolerance in mature peripheral B lymphocytes. Nature, 1989, 342, 385-391.	13.7	494
15	Elimination of self-reactive B lymphocytes proceeds in two stages: Arrested development and cell death. Cell, 1993, 72, 325-335.	13.5	483
16	DNA repair is limiting for haematopoietic stem cells during ageing. Nature, 2007, 447, 686-690.	13.7	475
17	CD95 (Fas)-dependent elimination of self-reactive B cells upon interaction with CD4+T cells. Nature, 1995, 376, 181-184.	13.7	473
18	Balancing immunity and tolerance: deleting and tuning lymphocyte repertoires.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 2264-2271.	3.3	423

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19	Polygenic Autoimmune Traits: Lyn, CD22, and SHP-1 Are Limiting Elements of a Biochemical Pathway Regulating BCR Signaling and Selection. Immunity, 1998, 8, 497-508.	6.6	413
20	Developmental kinetics, turnover, and stimulatory capacity of thymic epithelial cells. Blood, 2006, 108, 3777-3785.	0.6	394
21	Expansion or Elimination of B Cells In Vivo: Dual Roles for CD40- and Fas (CD95)-Ligands Modulated by the B Cell Antigen Receptor. Cell, 1996, 87, 319-329.	13.5	392
22	Protein tyrosine phosphatase 1C negatively regulates antigen receptor signaling in B lymphocytes and determines thresholds for negative selection. Immunity, 1995, 2, 13-24.	6.6	390
23	Roquin represses autoimmunity by limiting inducible T-cell co-stimulator messenger RNA. Nature, 2007, 450, 299-303.	13.7	376
24	Multistep Pathogenesis of Autoimmune Disease. Cell, 2007, 130, 25-35.	13.5	375
25	Antigen-induced B-cell death and elimination during germinal-centre immune responses. Nature, 1995, 375, 334-338.	13.7	374
26	Different Nuclear Signals Are Activated by the B Cell Receptor during Positive Versus Negative Signaling. Immunity, 1997, 6, 419-428.	6.6	364
27	Control systems and decision making for antibody production. Nature Immunology, 2010, 11, 681-688.	7.0	355
28	NINJ1 mediates plasma membrane rupture during lytic cell death. Nature, 2021, 591, 131-136.	13.7	352
29	Transgenic Mice and Analysis of B-Cell Tolerance. Annual Review of Immunology, 1992, 10, 489-518.	9.5	349
30	Identification of phenotypically and functionally heterogeneous mouse mucosal-associated invariant T cells using MR1 tetramers. Journal of Experimental Medicine, 2015, 212, 1095-1108.	4.2	348
31	A Critical Role for Complement in Maintenance of Self-Tolerance. Immunity, 1998, 9, 721-731.	6.6	346
32	Immunoglobulin signal transduction guides the specificity of B cell-T cell interactions and is blocked in tolerant self-reactive B cells.. Journal of Experimental Medicine, 1994, 179, 425-438.	4.2	326
33	POSITIVE VERSUS NEGATIVE SIGNALING BY LYMPHOCYTE ANTIGEN RECEPTORS. Annual Review of Immunology, 1998, 16, 645-670.	9.5	299
34	T-betâ€“dependent S1P5 expression in NK cells promotes egress from lymph nodes and bone marrow. Journal of Experimental Medicine, 2009, 206, 2469-2481.	4.2	290
35	A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. Nature Immunology, 2016, 17, 1300-1311.	7.0	288
36	Resting and anergic B cells are defective in CD28-dependent costimulation of naive CD4+ T cells.. Journal of Experimental Medicine, 1994, 179, 1539-1549.	4.2	287

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37	Identifying the MAGUK Protein Carma-1 as a Central Regulator of Humoral Immune Responses and Atopy by Genome-Wide Mouse Mutagenesis. Immunity, 2003, 18, 751-762.	6.6	283
38	Self-Tolerance Checkpoints in B Lymphocyte Development. Advances in Immunology, 1995, 59, 279-368.	1.1	281
39	Gene Dosageâ€“limiting Role of Aire in Thymic Expression, Clonal Deletion, and Organ-specific Autoimmunity. Journal of Experimental Medicine, 2004, 200, 1015-1026.	4.2	271
40	Dependence of Germinal Center B Cells on Expression of CD21/CD35 for Survival. Science, 1998, 280, 582-585.	6.0	258
41	T cells and follicular dendritic cells in germinal center Bâ€cell formation and selection. Immunological Reviews, 2010, 237, 72-89.	2.8	252
42	Antigen-induced exclusion from follicles and anergy are separate and complementary processes that influence peripheral B cell fate. Immunity, 1995, 3, 691-701.	6.6	248
43	Breakdown of self-tolerance in anergic B lymphocytes. Nature, 1991, 352, 532-536.	13.7	242
44	Regulation of B-lymphocyte negative and positive selection by tyrosine phosphatase CD45. Nature, 1996, 381, 325-328.	13.7	236
45	Dock8 mutations cripple B cell immunological synapses, germinal centers and long-lived antibody production. Nature Immunology, 2009, 10, 1283-1291.	7.0	236
46	Phosphorylation and linear ubiquitin direct A20 inhibition of inflammation. Nature, 2015, 528, 370-375.	13.7	227
47	The actin regulator coronin 1A is mutant in a thymic egressâ€“deficient mouse strain and in a patient with severe combined immunodeficiency. Nature Immunology, 2008, 9, 1307-1315.	7.0	213
48	Induction of self-tolerance in T cells but not B cells of transgenic mice expressing little self antigen. Science, 1991, 251, 1223-1225.	6.0	210
49	Redemption of autoantibodies on anergic B cells by variable-region glycosylation and mutation away from self-reactivity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2567-75.	3.3	208
50	Differential up-regulation of the B7-1 and B7-2 costimulatory molecules after Ig receptor engagement by antigen. Journal of Immunology, 1994, 153, 1990-7.	0.4	203
51	High-throughput targeted long-read single cell sequencing reveals the clonal and transcriptional landscape of lymphocytes. Nature Communications, 2019, 10, 3120.	5.8	202
52	A mouse forward genetics screen identifies LISTERIN as an E3 ubiquitin ligase involved in neurodegeneration. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2097-2103.	3.3	200
53	Comparison of predicted and actual consequences of missense mutations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5189-98.	3.3	200
54	Intravenous injection of soluble antigen induces thymic and peripheral T-cells apoptosis.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 3031-3036.	3.3	187

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55	Pertussis toxin inhibits migration of B and T lymphocytes into splenic white pulp cords.. Journal of Experimental Medicine, 1995, 182, 581-586.	4.2	185
56	Resistance to CpG DNAâ€“induced autoimmunity through tolerogenic B cell antigen receptor ERK signaling. Nature Immunology, 2003, 4, 594-600.	7.0	185
57	Burst-enhancing role of the IgG membrane tail as a molecular determinant of memory. Nature Immunology, 2002, 3, 182-188.	7.0	184
58	CD83 increases MHC II and CD86 on dendritic cells by opposing IL-10â€“driven MARCH1-mediated ubiquitination and degradation. Journal of Experimental Medicine, 2011, 208, 149-165.	4.2	183
59	Tuning Antigen Receptor Signaling by CD22: Integrating Cues from Antigens and the Microenvironment. Immunity, 1997, 6, 509-517.	6.6	182
60	CD19-Regulated Signaling Thresholds Control Peripheral Tolerance and Autoantibody Production in B Lymphocytes. Journal of Experimental Medicine, 1997, 186, 1923-1931.	4.2	180
61	A Range of CD4 T Cell Tolerance: Partial Inactivation to Organ-Specific Antigen Allows Nondestructive Thyroiditis or Insulitis. Immunity, 1997, 7, 255-271.	6.6	175
62	DOCK8 deficiency impairs CD8 T cell survival and function in humans and mice. Journal of Experimental Medicine, 2011, 208, 2305-2320.	4.2	175
63	Aire regulates the transfer of antigen from mTECs to dendritic cells for induction of thymic tolerance. Blood, 2011, 118, 2462-2472.	0.6	174
64	How self-tolerance and the immunosuppressive drug FK506 prevent B-cell mitogenesis. Nature, 2000, 403, 672-676.	13.7	169
65	B-lymphocyte quiescence, tolerance and activation as viewed by global gene expression profiling on microarrays. Immunological Reviews, 2000, 176, 216-246.	2.8	159
66	A Role for AlstrÃ¶m Syndrome Protein, Alms1, in Kidney Ciliogenesis and Cellular Quiescence. PLoS Genetics, 2007, 3, e8.	1.5	155
67	Fat Aussieâ€”A New Alstroì‚m Syndrome Mouse Showing a Critical Role for ALMS1 in Obesity, Diabetes, and Spermatogenesis. Molecular Endocrinology, 2006, 20, 1610-1622.	3.7	147
68	Variability and repertoire size of T-cell receptor VÎ± gene segments. Nature, 1985, 317, 430-434.	13.7	145
69	The need for central and peripheral tolerance in the B cell repertoire. Science, 1990, 248, 1373-1379.	6.0	144
70	Widespread Failure of Hematolymphoid Differentiation Caused by a Recessive Niche-Filling Allele of the Ikaros Transcription Factor. Immunity, 2003, 19, 131-144.	6.6	144
71	Development and follicular localization of tolerant B lymphocytes in lysozyme/anti-lysozyme IgM/IgD transgenic mice. International Immunology, 1992, 4, 163-175.	1.8	143
72	Helios marks strongly autoreactive CD4+ T cells in two major waves of thymic deletion distinguished by induction of PD-1 or NF-ÎºB. Journal of Experimental Medicine, 2013, 210, 269-285.	4.2	143

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73	Immunoglobulin M and D antigen receptors are both capable of mediating B lymphocyte activation, deletion, or anergy after interaction with specific antigen.. Journal of Experimental Medicine, 1992, 176, 991-1005.	4.2	142
74	Up-regulation of LFA-1 allows liver-resident memory T cells to patrol and remain in the hepatic sinusoids. Science Immunology, 2017, 2, .	5.6	138
75	Opposing Functions of the T Cell Receptor Kinase ZAP-70 in Immunity and Tolerance Differentially Titrate in Response to Nucleotide Substitutions. Immunity, 2007, 27, 912-926.	6.6	137
76	Clonal redemption of autoantibodies by somatic hypermutation away from self-reactivity during human immunization. Journal of Experimental Medicine, 2016, 213, 1255-1265.	4.2	132
77	Failure to Censor Forbidden Clones of CD4 T Cells in Autoimmune Diabetes. Journal of Experimental Medicine, 2002, 196, 1175-1188.	4.2	129
78	Roquin Differentiates the Specialized Functions of Duplicated T Cell Costimulatory Receptor Genes Cd28 and Icos. Immunity, 2009, 30, 228-241.	6.6	129
79	Genome-Wide ENU Mutagenesis to Reveal Immune Regulators. Immunity, 2001, 15, 409-418.	6.6	126
80	Functional Annotation of Mouse Genome Sequences. Science, 2001, 291, 1251-1255.	6.0	125
81	Germinal center antibody mutation trajectories are determined by rapid self/foreign discrimination. Science, 2018, 360, 223-226.	6.0	122
82	Roquin-2 Shares Functions with Its Paralog Roquin-1 in the Repression of mRNAs Controlling T Follicular Helper Cells and Systemic Inflammation. Immunity, 2013, 38, 669-680.	6.6	120
83	IRF2 transcriptionally induces GSDMD expression for pyroptosis. Science Signaling, 2019, 12, .	1.6	120
84	Enhancement and suppression of signaling by the conserved tail of IgG memoryâ€“type B cell antigen receptors. Journal of Experimental Medicine, 2007, 204, 759-769.	4.2	119
85	Self-Reactive B Lymphocytes Overexpressing Bcl-xL Escape Negative Selection and Are Tolerized by Clonal Anergy and Receptor Editing. Immunity, 1998, 9, 35-45.	6.6	118
86	ATP11C is critical for the internalization of phosphatidylserine and differentiation of B lymphocytes. Nature Immunology, 2011, 12, 441-449.	7.0	117
87	Genetic predisposition for beta cell fragility underlies type 1 and type 2 diabetes. Nature Genetics, 2016, 48, 519-527.	9.4	117
88	Effects of the lpr mutation on elimination and inactivation of self-reactive B cells. Journal of Immunology, 1994, 153, 2831-42.	0.4	117
89	Adaptive failure to high-fat diet characterizes steatohepatitis in Alms1 mutant mice. Biochemical and Biophysical Research Communications, 2006, 342, 1152-1159.	1.0	112
90	Role of Syk in B-cell development and antigen-receptor signaling. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 1713-1718.	3.3	111

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91	Themis is a member of a new metazoan gene family and is required for the completion of thymocyte positive selection. Nature Immunology, 2009, 10, 831-839.	7.0	108
92	Autosomal-dominant B-cell deficiency with alopecia due to a mutation in NFKB2 that results in nonprocessable p100. Blood, 2014, 124, 2964-2972.	0.6	99
93	Scaffolding of antigen receptors for immunogenic versus tolerogenic signaling. Nature Immunology, 2003, 4, 1057-1064.	7.0	96
94	HENMT1 and piRNA Stability Are Required for Adult Male Germ Cell Transposon Repression and to Define the Spermatogenic Program in the Mouse. PLoS Genetics, 2015, 11, e1005620.	1.5	95
95	A DOCK8-WIP-WASp complex links T cell receptors to the actin cytoskeleton. Journal of Clinical Investigation, 2016, 126, 3837-3851.	3.9	93
96	Intrinsic B-cell hyporesponsiveness accounts for self-tolerance in lysozyme/anti-lysozyme double-transgenic mice.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 5687-5691.	3.3	92
97	Immunological tolerance: Danger â€“Â pathogen on the premises!. Current Biology, 1996, 6, 519-522.	1.8	91
98	Generalized Resistance to Thymic Deletion in the NOD Mouse. Immunity, 2004, 21, 817-830.	6.6	90
99	Repression of B7.2 on Self-reactive B Cells Is Essential to Prevent Proliferation and Allow Fas-mediated Deletion by CD4+ T Cells. Journal of Experimental Medicine, 1998, 188, 651-659.	4.2	89
100	An Essential Role for Katanin p80 and Microtubule Severing in Male Gamete Production. PLoS Genetics, 2012, 8, e1002698.	1.5	89
101	Class II-restricted presentation of an endogenously derived immunodominant T-cell determinant of hen egg lysozyme.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 3290-3294.	3.3	88
102	Massively parallel sequencing of the mouse exome to accurately identify rare, induced mutations: an immediate source for thousands of new mouse models. Open Biology, 2012, 2, 120061.	1.5	88
103	B-cell receptor reconstruction from single-cell RNA-seq with VDJPuzzle. Bioinformatics, 2018, 34, 2846-2847.	1.8	87
104	Entry of B Cell Receptor into Signaling Domains Is Inhibited in Tolerant B Cells. Journal of Experimental Medicine, 2000, 191, 1443-1448.	4.2	84
105	Abortive Proliferation of Rare T Cells Induced by Direct or Indirect Antigen Presentation by Rare B Cells In Vivo. Journal of Experimental Medicine, 1998, 187, 1611-1621.	4.2	82
106	Lymphoma Driver Mutations in the Pathogenic Evolution of an Iconic Human Autoantibody. Cell, 2020, 180, 878-894.e19.	13.5	82
107	A genomic view of immunology. Nature, 2001, 409, 836-838.	13.7	81
108	ERK Signaling Is a Molecular Switch Integrating Opposing Inputs from B Cell Receptor and T Cell Cytokines to Control TLR4-Driven Plasma Cell Differentiation. Journal of Immunology, 2006, 177, 5337-5346.	0.4	81

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109	Consequences of the recurrent MYD88L265P somatic mutation for B cell tolerance. Journal of Experimental Medicine, 2014, 211, 413-426.	4.2	81
110	Antigen-specific B cells preferentially induce CD4+ T cells to produce IL-4. Journal of Immunology, 1997, 158, 4171-9.	0.4	80
111	Pathways for self-tolerance and the treatment of autoimmune diseases. Lancet, The, 2001, 357, 2115-2121.	6.3	79
112	CD45-Csk Phosphatase-Kinase Titration Uncouples Basal and Inducible T Cell Receptor Signaling during Thymic Development. Immunity, 2010, 32, 342-354.	6.6	78
113	Thrombocytopenia and kidney disease in mice with a mutation in the C1galt1 gene. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16442-16447.	3.3	76
114	Self Tolerance in the B-Cell Repertoire. Immunological Reviews, 1991, 122, 5-19.	2.8	75
115	Identification of a Steap3 endosomal targeting motif essential for normal iron metabolism. Blood, 2009, 113, 1805-1808.	0.6	75
116	A divergent transcriptional landscape underpins the development and functional branching of MAIT cells. Science Immunology, 2019, 4, .	5.6	75
117	B cell survival, surface BCR and BAFFR expression, CD74 metabolism, and CD8â^' dendritic cells require the intramembrane endopeptidase SPPL2A. Journal of Experimental Medicine, 2013, 210, 31-40.	4.2	74
118	The regulation of self-reactive B cells. Current Opinion in Immunology, 1995, 7, 804-811.	2.4	73
119	RAB-Like 2 Has an Essential Role in Male Fertility, Sperm Intra-Flagellar Transport, and Tail Assembly. PLoS Genetics, 2012, 8, e1002969.	1.5	72
120	Memory T Cell RNA Rearrangement Programmed by Heterogeneous Nuclear Ribonucleoprotein hnRNPLL. Immunity, 2008, 29, 863-875.	6.6	71
121	Genetic lesions in T-cell tolerance and thresholds for autoimmunity. Immunological Reviews, 2005, 204, 87-101.	2.8	69
122	The ROQUIN family of proteins localizes to stress granules via the ROQ domain and binds target mRNAs. FEBS Journal, 2010, 277, 2109-2127.	2.2	69
123	Dedicator of cytokinesis 8â€“deficient CD4 + TÂcells are biased to a T H 2 effector fate at the expense of T H 1 and T H 17Âcells. Journal of Allergy and Clinical Immunology, 2017, 139, 933-949.	1.5	69
124	Secretion of a chimeric T-cell receptor-immunoglobulin protein.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 2936-2940.	3.3	68
125	RBM5 Is a Male Germ Cell Splicing Factor and Is Required for Spermatid Differentiation and Male Fertility. PLoS Genetics, 2013, 9, e1003628.	1.5	68
126	DOCK8 is critical for the survival and function of NKT cells. Blood, 2013, 122, 2052-2061.	0.6	68

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127	IgD attenuates the IgM-induced anergy response in transitional and mature B cells. Nature Communications, 2016, 7, 13381.	5.8	68
128	A selective defect in IgM antigen receptor synthesis and transport causes loss of cell surface IgM expression on tolerant B lymphocytes.. EMBO Journal, 1994, 13, 816-826.	3.5	67
129	Self-reactive B Cells Are Not Eliminated or Inactivated by Autoantigen Expressed on Thyroid Epithelial Cells. Journal of Experimental Medicine, 1997, 186, 2005-2012.	4.2	64
130	DNA Hypermethylation Encroachment at CpG Island Borders in Cancer Is Predisposed by H3K4 Monomethylation Patterns. Cancer Cell, 2019, 35, 297-314.e8.	7.7	62
131	Censoring of self-reactive B cells with a range of receptor affinities in transgenic mice expressing heavy chains for a lysozyme-specific antibody. International Immunology, 1994, 6, 1417-1425.	1.8	61
132	Brief Report: Identification of a Pathogenic Variant in TREX1 in Earlyâ€Onset Cerebral Systemic Lupus Erythematosus by Wholeâ€Exome Sequencing. Arthritis and Rheumatology, 2014, 66, 3382-3386.	2.9	61
133	Expression of T-cell receptor alpha-chain genes in transgenic mice.. Molecular and Cellular Biology, 1988, 8, 5459-5469.	1.1	59
134	ENU-mutagenesis: insight into immune function and pathology. Current Opinion in Immunology, 2006, 18, 627-633.	2.4	59
135	Decreased T-cell receptor signaling through CARD11 differentially compromises forkhead box protein 3â€“positive regulatory versus TH2 effector cells to cause allergy. Journal of Allergy and Clinical Immunology, 2011, 127, 1277-1285.e5.	1.5	59
136	LRGUK-1 Is Required for Basal Body and Manchette Function during Spermatogenesis and Male Fertility. PLoS Genetics, 2015, 11, e1005090.	1.5	59
137	Anti-Islet Autoantibodies Trigger Autoimmune Diabetes in the Presence of an Increased Frequency of Islet-Reactive CD4 T Cells. Diabetes, 2011, 60, 2102-2111.	0.3	54
138	Analysis of an Ethylnitrosourea-generated Mouse Mutation Defines a Cell Intrinsic Role of Nuclear Factor ÎºB2 in Regulating Circulating B Cell Numbers. Journal of Experimental Medicine, 2002, 196, 1113-1119.	4.2	53
139	A mutation in a chromosome condensin II subunit, kleisin beta, specifically disrupts T cell development. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12445-12450.	3.3	53
140	Denisovan, modern human and mouse TNFAIP3 alleles tune A20 phosphorylation and immunity. Nature Immunology, 2019, 20, 1299-1310.	7.0	53
141	Attenuation of AMPK signaling by ROQUIN promotes T follicular helper cell formation. ELife, 2015, 4, .	2.8	52
142	Clonal redemption and clonal anergy as mechanisms to balance B cell tolerance and immunity. Immunological Reviews, 2019, 292, 61-75.	2.8	52
143	DNA drives autoimmunity. Nature, 2002, 416, 595-597.	13.7	51
144	Essential role of membrane cholesterol in accelerated BCR internalization and uncoupling from NF-ÎºB in B cell clonal anergy. Journal of Experimental Medicine, 2006, 203, 1773-1783.	4.2	51

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145	Axon growth and guidance genes identify Tâ€dependent germinal centre B cells. Immunology and Cell Biology, 2008, 86, 3-14.	1.0	50
146	Zinc-finger protein ZFP318 is essential for expression of IgD, the alternatively splicedIghproduct made by mature B lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4513-4518.	3.3	50
147	Signaling through murine CD38 is impaired in antigen receptor-unresponsive B cells. European Journal of Immunology, 1995, 25, 1338-1345.	1.6	49
148	Foxp3+ regulatory T cells exert asymmetric control over murine helper responses by inducing Th2 cell apoptosis. Blood, 2011, 118, 1845-1853.	0.6	49
149	Redundant expression but selective utilization of nuclear factor of activated T cells family members. Journal of Immunology, 1997, 159, 2735-40.	0.4	49
150	The RNA-binding protein hnRNPLL induces a T cell alternative splicing program delineated by differential intron retention in polyadenylated RNA. Genome Biology, 2014, 15, R26.	13.9	48
151	A deleterious RNF43 germline mutation in a severely affected serrated polyposis kindred. Human Genome Variation, 2015, 2, 15013.	0.4	46
152	Rasgrp1 mutation increases naÃ¯ve T-cell CD44 expression and drives mTOR-dependent accumulation of Helios+ T cells and autoantibodies. ELife, 2013, 2, e01020.	2.8	45
153	Illuminating Autoimmune Regulators through Controlled Variation of the Mouse Genome Sequence. Immunity, 2004, 20, 669-679.	6.6	44
154	Unlocking the Bottleneck in Forward Genetics Using Whole-Genome Sequencing and Identity by Descent to Isolate Causative Mutations. PLoS Genetics, 2013, 9, e1003219.	1.5	44
155	CD45-mediated control of TCR tuning in naÃ¯ve and memory CD8+ T cells. Nature Communications, 2016, 7, 13373.	5.8	44
156	T Cellâ€“Mediated Elimination of B7.2 Transgenic B Cells. Immunity, 1997, 6, 327-339.	6.6	43
157	Lymphocyte homing: The scent of a follicle. Current Biology, 1997, 7, R219-R222.	1.8	40
158	T-cell regulation by casitas B-lineage lymphoma (Cblb) is a critical failsafe against autoimmune disease due to autoimmune regulator (Aire) deficiency. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14709-14714.	3.3	40
159	Chance encounters and organized rendezvous. Immunological Reviews, 1997, 156, 5-10.	2.8	39
160	Single epitope multiple staining to detect ultralow frequency B cells. Journal of Immunological Methods, 2001, 249, 137-146.	0.6	39
161	Connecting Mammalian Genome with Phenome by ENU Mouse Mutagenesis: Gene Combinations Specifying the Immune System. Annual Review of Genetics, 2005, 39, 241-262.	3.2	39
162	Human lymphoma mutations reveal CARD11 as the switch between self-antigenâ€“induced B cell death or proliferation and autoantibody production. Journal of Experimental Medicine, 2012, 209, 1907-1917.	4.2	38

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163	Reliably Detecting Clinically Important Variants Requires Both Combined Variant Calls and Optimized Filtering Strategies. PLoS ONE, 2015, 10, e0143199.	1.1	38
164	Synergistic cooperation and crosstalk between MYD88L265P and mutations that dysregulate CD79B and surface IgM. Journal of Experimental Medicine, 2017, 214, 2759-2776.	4.2	38
165	Impairment of organ-specific T cell negative selection by diabetes susceptibility genes: genomic analysis by mRNA profiling. Genome Biology, 2007, 8, R12.	13.9	37
166	ZBTB7B (Th-POK) Regulates the Development of IL-17â€“Producing CD1d-Restricted Mouse NKT Cells. Journal of Immunology, 2012, 189, 5240-5249.	0.4	37
167	Omenn syndrome associated with a functional reversion due to a somatic second-site mutation in CARD11 deficiency. Blood, 2015, 126, 1658-1669.	0.6	37
168	Balancing Immunity, Autoimmunity, and Self-tolerance. Annals of the New York Academy of Sciences, 1997, 815, 55-60.	1.8	36
169	Growing up on the streets: why B-cell development differs from T-cell development. Trends in Immunology, 1999, 20, 217-220.	7.5	36
170	Heterogeneity of Human Neutrophil CD177 Expression Results from CD177P1 Pseudogene Conversion. PLoS Genetics, 2016, 12, e1006067.	1.5	36
171	Gene Doseâ€“Dependent Maturation and Receptor Editing of B Cells Expressing Immunoglobulin (Ig)g1 or Igm/Igg1 Tail Antigen Receptors. Journal of Experimental Medicine, 2000, 191, 1031-1044.	4.2	35
172	Cellâ€intrinsic effects of nonâ€MHC NOD genes on dendritic cell generation in vivo. International Immunology, 2002, 14, 677-684.	1.8	35
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