

Garnett Kelsoe

List of Publications by Year in descending order

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153
papers

14,539
citations

17440

63
h-index

21540

114
g-index

161
all docs

161
docs citations

161
times ranked

11426
citing authors

#	ARTICLE	IF	CITATIONS
1	Intraclonal generation of antibody mutants in germinal centres. <i>Nature</i> , 1991, 354, 389-392.	27.8	1,016
2	Co-evolution of a broadly neutralizing HIV-1 antibody and founder virus. <i>Nature</i> , 2013, 496, 469-476.	27.8	961
3	B-cell lineage immunogen design in vaccine development with HIV-1 as a case study. <i>Nature Biotechnology</i> , 2012, 30, 423-433.	17.5	432
4	Analysis of a Clonal Lineage of HIV-1 Envelope V2/V3 Conformational Epitope-Specific Broadly Neutralizing Antibodies and Their Inferred Unmutated Common Ancestors. <i>Journal of Virology</i> , 2011, 85, 9998-10009.	3.4	393
5	Maintenance of Long-Lived Plasma Cells and Serological Memory Despite Mature and Memory B Cell Depletion during CD20 Immunotherapy in Mice. <i>Journal of Immunology</i> , 2008, 180, 361-371.	0.8	322
6	Life and Death in Germinal Centers (Redux). <i>Immunity</i> , 1996, 4, 107-111.	14.3	312
7	Inflammation and the reciprocal production of granulocytes and lymphocytes in bone marrow. <i>Journal of Experimental Medicine</i> , 2005, 201, 1771-1780.	8.5	311
8	In Situ Studies of the Primary Immune Response to (4-Hydroxy-3-Nitrophenyl)Acetyl. V. Affinity Maturation Develops in Two Stages of Clonal Selection. <i>Journal of Experimental Medicine</i> , 1998, 187, 885-895.	8.5	307
9	Maturation Pathway from Germline to Broad HIV-1 Neutralizer of a CD4-Mimic Antibody. <i>Cell</i> , 2016, 165, 449-463.	28.9	305
10	Identification of a CD4-Binding-Site Antibody to HIV that Evolved Near-Pan Neutralization Breadth. <i>Immunity</i> , 2016, 45, 1108-1121.	14.3	304
11	V(D)J Recombinase Activity in a Subset of Germinal Center B Lymphocytes. <i>Science</i> , 1997, 278, 301-305.	12.6	280
12	Complex Antigens Drive Permissive Clonal Selection in Germinal Centers. <i>Immunity</i> , 2016, 44, 542-552.	14.3	278
13	Cooperation of B Cell Lineages in Induction of HIV-1-Broadly Neutralizing Antibodies. <i>Cell</i> , 2014, 158, 481-491.	28.9	266
14	Dependence of Germinal Center B Cells on Expression of CD21/CD35 for Survival. <i>Science</i> , 1998, 280, 582-585.	12.6	258
15	The Role of Antibody Polyspecificity and Lipid Reactivity in Binding of Broadly Neutralizing Anti-HIV-1 Envelope Human Monoclonal Antibodies 2F5 and 4E10 to Glycoprotein 41 Membrane Proximal Envelope Epitopes. <i>Journal of Immunology</i> , 2007, 178, 4424-4435.	0.8	230
16	Inflammation Controls B Lymphopoiesis by Regulating Chemokine CXCL12 Expression. <i>Journal of Experimental Medicine</i> , 2004, 199, 47-58.	8.5	229
17	Immunosenescence and germinal center reaction. <i>Immunological Reviews</i> , 1997, 160, 63-77.	6.0	214
18	Staged induction of HIV-1 glycan-dependent broadly neutralizing antibodies. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	212

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19	Initial antibodies binding to HIV-1 gp41 in acutely infected subjects are polyreactive and highly mutated. <i>Journal of Experimental Medicine</i> , 2011, 208, 2237-2249.	8.5	198
20	Autoreactivity in an HIV-1 broadly reactive neutralizing antibody variable region heavy chain induces immunologic tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 181-186.	7.1	172
21	Identification of autoantigens recognized by the 2F5 and 4E10 broadly neutralizing HIV-1 antibodies. <i>Journal of Experimental Medicine</i> , 2013, 210, 241-256.	8.5	171
22	Very Low Affinity B Cells Form Germinal Centers, Become Memory B Cells, and Participate in Secondary Immune Responses When Higher Affinity Competition Is Reduced. <i>Journal of Experimental Medicine</i> , 2002, 195, 1215-1221.	8.5	159
23	H3N2 Influenza Infection Elicits More Cross-Reactive and Less Clonally Expanded Anti-Hemagglutinin Antibodies Than Influenza Vaccination. <i>PLoS ONE</i> , 2011, 6, e25797.	2.5	158
24	RAG2:GFP Knockin Mice Reveal Novel Aspects of RAG2 Expression in Primary and Peripheral Lymphoid Tissues. <i>Immunity</i> , 1999, 11, 201-212.	14.3	157
25	Polyreactivity and Autoreactivity among HIV-1 Antibodies. <i>Journal of Virology</i> , 2015, 89, 784-798.	3.4	154
26	Complement C4 Inhibits Systemic Autoimmunity through a Mechanism Independent of Complement Receptors Cr1 and Cr2. <i>Journal of Experimental Medicine</i> , 2000, 192, 1339-1352.	8.5	152
27	Locus-specific somatic hypermutation in germinal centre T cells. <i>Nature</i> , 1994, 372, 556-559.	27.8	148
28	An HIV-1 antibody from an elite neutralizer implicates the fusion peptide as a site of vulnerability. <i>Nature Microbiology</i> , 2017, 2, 16199.	13.3	144
29	HIV-Host Interactions: Implications for Vaccine Design. <i>Cell Host and Microbe</i> , 2016, 19, 292-303.	11.0	143
30	The germinal center: a crucible for lymphocyte selection. <i>Seminars in Immunology</i> , 1996, 8, 179-184.	5.6	142
31	Antibody polyspecificity and neutralization of HIV-1: A hypothesis. <i>Human Antibodies</i> , 2006, 14, 59-67.	1.5	142
32	Antibodies to a Conserved Influenza Head Interface Epitope Protect by an IgG Subtype-Dependent Mechanism. <i>Cell</i> , 2019, 177, 1124-1135.e16.	28.9	141
33	The "Dispensable" Portion of RAG2 Is Necessary for Efficient V-to-DJ Rearrangement during B and T Cell Development. <i>Immunity</i> , 2002, 17, 639-651.	14.3	138
34	Immunoglobulin Gene Insertions and Deletions in the Affinity Maturation of HIV-1 Broadly Reactive Neutralizing Antibodies. <i>Cell Host and Microbe</i> , 2014, 16, 304-313.	11.0	137
35	Pentavalent HIV-1 vaccine protects against simian-human immunodeficiency virus challenge. <i>Nature Communications</i> , 2017, 8, 15711.	12.8	137
36	In Situ Studies of the Germinal Center Reaction. <i>Advances in Immunology</i> , 1995, 60, 267-288.	2.2	130

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37	Influenza Antigen Engineering Focuses Immune Responses to a Subdominant but Broadly Protective Viral Epitope. <i>Cell Host and Microbe</i> , 2019, 25, 827-835.e6.	11.0	127
38	Memory B Cells that Cross-React with Group 1 and Group 2 Influenza A Viruses Are Abundant in Adult Human Repertoires. <i>Immunity</i> , 2018, 48, 174-184.e9.	14.3	124
39	Immune perturbations in HIV-1-infected individuals who make broadly neutralizing antibodies. <i>Science Immunology</i> , 2016, 1, aag0851.	11.9	120
40	Potent and broad HIV-neutralizing antibodies in memory B cells and plasma. <i>Science Immunology</i> , 2017, 2, .	11.9	119
41	Targeted selection of HIV-specific antibody mutations by engineering B cell maturation. <i>Science</i> , 2019, 366, .	12.6	118
42	T-Independent Activation-Induced Cytidine Deaminase Expression, Class-Switch Recombination, and Antibody Production by Immature/Transitional 1 B Cells. <i>Journal of Immunology</i> , 2007, 178, 3593-3601.	0.8	113
43	IL-1R Type I-Dependent Hemopoietic Stem Cell Proliferation Is Necessary for Inflammatory Granulopoiesis and Reactive Neutrophilia. <i>Journal of Immunology</i> , 2009, 182, 6477-6484.	0.8	112
44	Antibody polyspecificity and neutralization of HIV-1: a hypothesis. <i>Human Antibodies</i> , 2005, 14, 59-67.	1.5	109
45	Relaxed Negative Selection in Germinal Centers and Impaired Affinity Maturation in bcl-xL Transgenic Mice. <i>Journal of Experimental Medicine</i> , 1999, 190, 399-410.	8.5	104
46	Enhanced Differentiation of Splenic Plasma Cells but Diminished Long-Lived High-Affinity Bone Marrow Plasma Cells in Aged Mice. <i>Journal of Immunology</i> , 2003, 170, 1267-1273.	0.8	104
47	Reconstructing a B-Cell Clonal Lineage. II. Mutation, Selection, and Affinity Maturation. <i>Frontiers in Immunology</i> , 2014, 5, 170.	4.8	104
48	Activation-induced cytidine deaminase mediates central tolerance in B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11560-11565.	7.1	98
49	Functional Relevance of Improbable Antibody Mutations for HIV Broadly Neutralizing Antibody Development. <i>Cell Host and Microbe</i> , 2018, 23, 759-765.e6.	11.0	98
50	Rescue of HIV-1 Broad Neutralizing Antibody-Expressing B Cells in 2F5 VH ^Δ -VL Knockin Mice Reveals Multiple Tolerance Controls. <i>Journal of Immunology</i> , 2011, 187, 3785-3797.	0.8	97
51	Humoral Immune Responses in Cr2 ^{-/-} Mice: Enhanced Affinity Maturation but Impaired Antibody Persistence. <i>Journal of Immunology</i> , 2000, 164, 4522-4532.	0.8	95
52	An autoreactive antibody from an SLE/HIV-1 individual broadly neutralizes HIV-1. <i>Journal of Clinical Investigation</i> , 2014, 124, 1835-1843.	8.2	93
53	Germinal Center Hypoxia Potentiates Immunoglobulin Class Switch Recombination. <i>Journal of Immunology</i> , 2016, 197, 4014-4020.	0.8	92
54	Alternative pathways for the selection of antigen-specific peripheral T cells. <i>Nature</i> , 1996, 384, 263-266.	27.8	90

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55	Effects of Acute and Chronic Inflammation on B-Cell Development and Differentiation. <i>Journal of Investigative Dermatology</i> , 2009, 129, 266-277.	0.7	86
56	Inflammation Triggers Emergency Granulopoiesis through a Density-Dependent Feedback Mechanism. <i>PLoS ONE</i> , 2011, 6, e19957.	2.5	86
57	Initiation of immune tolerance-controlled HIV gp41 neutralizing B cell lineages. <i>Science Translational Medicine</i> , 2016, 8, 336ra62.	12.4	86
58	Role of immune mechanisms in induction of HIV-1 broadly neutralizing antibodies. <i>Current Opinion in Immunology</i> , 2011, 23, 383-390.	5.5	85
59	Reciprocal expansions of idiotypic and anti-idiotypic clones following antigen stimulation. <i>Nature</i> , 1979, 279, 333-334.	27.8	78
60	Natural IgM Is Produced by CD5 ^{hi} Plasma Cells That Occupy a Distinct Survival Niche in Bone Marrow. <i>Journal of Immunology</i> , 2015, 194, 231-242.	0.8	78
61	RAB11FIP5 Expression and Altered Natural Killer Cell Function Are Associated with Induction of HIV Broadly Neutralizing Antibody Responses. <i>Cell</i> , 2018, 175, 387-399.e17.	28.9	78
62	HIV-1 gp120 Vaccine Induces Affinity Maturation in both New and Persistent Antibody Clonal Lineages. <i>Journal of Virology</i> , 2012, 86, 7496-7507.	3.4	76
63	Initiation of HIV neutralizing B cell lineages with sequential envelope immunizations. <i>Nature Communications</i> , 2017, 8, 1732.	12.8	76
64	Germinal center entry not selection of B cells is controlled by peptide-MHCII complex density. <i>Nature Communications</i> , 2018, 9, 928.	12.8	71
65	Sensitization in transplantation: Assessment of risk (STAR) 2019 Working Group Meeting Report. <i>American Journal of Transplantation</i> , 2020, 20, 2652-2668.	4.7	70
66	Sites of B-cell activation in vivo. <i>Current Opinion in Immunology</i> , 1993, 5, 418-422.	5.5	69
67	HIV-1 Envelope Induces Memory B Cell Responses That Correlate with Plasma Antibody Levels after Envelope gp120 Protein Vaccination or HIV-1 Infection. <i>Journal of Immunology</i> , 2009, 183, 2708-2717.	0.8	67
68	Antibody Light-Chain-Restricted Recognition of the Site of Immune Pressure in the RV144 HIV-1 Vaccine Trial Is Phylogenetically Conserved. <i>Immunity</i> , 2014, 41, 909-918.	14.3	65
69	Host controls of HIV broadly neutralizing antibody development. <i>Immunological Reviews</i> , 2017, 275, 79-88.	6.0	65
70	T cell help of B cells is induced by repeated parasitic infection, in the absence of other T cells. <i>Current Biology</i> , 1996, 6, 1317-1325.	3.9	63
71	Progress in HIV-1 vaccine development. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 3-10.	2.9	62
72	Inference of the HIV-1 VRC01 Antibody Lineage Unmutated Common Ancestor Reveals Alternative Pathways to Overcome a Key Glycan Barrier. <i>Immunity</i> , 2018, 49, 1162-1174.e8.	14.3	61

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73	Prospective Estimation of Recombination Signal Efficiency and Identification of Functional Cryptic Signals in the Genome by Statistical Modeling. <i>Journal of Experimental Medicine</i> , 2003, 197, 207-220.	8.5	59
74	Fab-dimerized glycan-reactive antibodies are a structural category of natural antibodies. <i>Cell</i> , 2021, 184, 2955-2972.e25.	28.9	57
75	Differential Reactivity of Germ Line Allelic Variants of a Broadly Neutralizing HIV-1 Antibody to a gp41 Fusion Intermediate Conformation. <i>Journal of Virology</i> , 2011, 85, 11725-11731.	3.4	56
76	Disparate adjuvant properties among three formulations of α -alumina. <i>Vaccine</i> , 2013, 31, 653-660.	3.8	56
77	Predicted and inferred waiting times for key mutations in the germinal centre reaction: Evidence for stochasticity in selection. <i>Immunology and Cell Biology</i> , 1998, 76, 373-381.	2.3	54
78	Identification and utilization of arbitrary correlations in models of recombination signal sequences. <i>Genome Biology</i> , 2002, 3, research0072.1.	9.6	54
79	BCR and Endosomal TLR Signals Synergize to Increase AID Expression and Establish Central B Cell Tolerance. <i>Cell Reports</i> , 2017, 18, 1627-1635.	6.4	49
80	Autoreactivity profiles of influenza hemagglutinin broadly neutralizing antibodies. <i>Scientific Reports</i> , 2019, 9, 3492.	3.3	49
81	Recapitulation of HIV-1 Env-antibody coevolution in macaques leading to neutralization breadth. <i>Science</i> , 2021, 371, .	12.6	49
82	Activation-Induced Cytidine Deaminase Expression and Activity in the Absence of Germinal Centers: Insights into Hyper-IgM Syndrome. <i>Journal of Immunology</i> , 2009, 183, 3237-3248.	0.8	48
83	V(D)J hypermutation and receptor revision: coloring outside the lines. <i>Current Opinion in Immunology</i> , 1999, 11, 70-75.	5.5	46
84	A CD4-mimetic compound enhances vaccine efficacy against stringent immunodeficiency virus challenge. <i>Nature Communications</i> , 2018, 9, 2363.	12.8	46
85	The antigenic complex in HIT binds to B cells via complement and complement receptor 2 (CD21). <i>Blood</i> , 2016, 128, 1789-1799.	1.4	45
86	Structural Constraints of Vaccine-Induced Tier-2 Autologous HIV Neutralizing Antibodies Targeting the Receptor-Binding Site. <i>Cell Reports</i> , 2016, 14, 43-54.	6.4	45
87	Crystal structure of a non-neutralizing antibody to the HIV-1 gp41 membrane-proximal external region. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1492-1494.	8.2	43
88	Immunogenicity of Membrane-bound HIV-1 gp41 Membrane-proximal External Region (MPER) Segments Is Dominated by Residue Accessibility and Modulated by Stereochemistry. <i>Journal of Biological Chemistry</i> , 2013, 288, 31888-31901.	3.4	43
89	Efficient Culture of Human Naive and Memory B Cells for Use as APCs. <i>Journal of Immunology</i> , 2016, 197, 4163-4176.	0.8	40
90	Definition of a Novel Cellular Constituent of the Bone Marrow That Regulates the Response of Immature B Cells to B Cell Antigen Receptor Engagement. <i>Journal of Immunology</i> , 2001, 166, 5935-5944.	0.8	38

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91	Antibodies Elicited by Multiple Envelope Glycoprotein Immunogens in Primates Neutralize Primary Human Immunodeficiency Viruses (HIV-1) Sensitized by CD4-Mimetic Compounds. <i>Journal of Virology</i> , 2016, 90, 5031-5046.	3.4	38
92	IGHV1-69 B Cell Chronic Lymphocytic Leukemia Antibodies Cross-React with HIV-1 and Hepatitis C Virus Antigens as Well as Intestinal Commensal Bacteria. <i>PLoS ONE</i> , 2014, 9, e90725.	2.5	37
93	Plexin-D1 Is a Novel Regulator of Germinal Centers and Humoral Immune Responses. <i>Journal of Immunology</i> , 2011, 186, 5603-5611.	0.8	36
94	Amino Acid Changes in the HIV-1 gp41 Membrane Proximal Region Control Virus Neutralization Sensitivity. <i>EBioMedicine</i> , 2016, 12, 196-207.	6.1	34
95	Self-tolerance curtails the B cell repertoire to microbial epitopes. <i>JCI Insight</i> , 2019, 4, .	5.0	32
96	Germinal center responses to complex antigens. <i>Immunological Reviews</i> , 2018, 284, 42-50.	6.0	31
97	Isolation of HIV-1-Neutralizing Mucosal Monoclonal Antibodies from Human Colostrum. <i>PLoS ONE</i> , 2012, 7, e37648.	2.5	30
98	A role for secondary V(D)J recombination in oncogenic chromosomal translocations?. <i>Advances in Cancer Research</i> , 2001, 81, 61-92.	5.0	28
99	Multiple, conserved cryptic recombination signals in VH gene segments: detection of cleavage products only in proB cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 3195-3208.	8.5	28
100	Exposure of an occluded hemagglutinin epitope drives selection of a class of cross-protective influenza antibodies. <i>Nature Communications</i> , 2019, 10, 3883.	12.8	28
101	Immune checkpoint modulation enhances HIV-1 antibody induction. <i>Nature Communications</i> , 2020, 11, 948.	12.8	27
102	HIV-1 Envelope gp41 Broadly Neutralizing Antibodies: Hurdles for Vaccine Development. <i>PLoS Pathogens</i> , 2014, 10, e1004073.	4.7	26
103	Short Communication: Small-Molecule CD4 Mimetics Sensitize HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity by Antibodies Elicited by Multiple Envelope Glycoprotein Immunogens in Nonhuman Primates. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 428-431.	1.1	26
104	Targeted Elimination of Immunodominant B Cells Drives the Germinal Center Reaction toward Subdominant Epitopes. <i>Cell Reports</i> , 2017, 21, 3672-3680.	6.4	26
105	Immune System Regulation in the Induction of Broadly Neutralizing HIV-1 Antibodies. <i>Vaccines</i> , 2014, 2, 1-14.	4.4	25
106	Primary germinal center-resident T follicular helper cells are a physiologically distinct subset of CXCR5hiPD-1hi T follicular helper cells. <i>Immunity</i> , 2022, 55, 272-289.e7.	14.3	25
107	The human fetal lymphocyte lineage: identification by CD27 and LIN28B expression in B cell progenitors. <i>Journal of Leukocyte Biology</i> , 2013, 94, 991-1001.	3.3	24
108	Computational tools for understanding sequence variability in recombination signals. <i>Immunological Reviews</i> , 2004, 200, 57-69.	6.0	22

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109	Poly- and autoreactivity of HIV-1 bNAbs: implications for vaccine design. <i>Retrovirology</i> , 2018, 15, 53.	2.0	22
110	Therapeutic CD154 antibody for lupus: promise for the future?. <i>Journal of Clinical Investigation</i> , 2003, 112, 1480-1482.	8.2	22
111	Stromal cell independent B cell development in vitro: Generation and recovery of autoreactive clones. <i>Journal of Immunological Methods</i> , 2010, 354, 53-67.	1.4	21
112	Neonatal Rhesus Macaques Have Distinct Immune Cell Transcriptional Profiles following HIV Envelope Immunization. <i>Cell Reports</i> , 2020, 30, 1553-1569.e6.	6.4	21
113	TSC1 Promotes B Cell Maturation but Is Dispensable for Germinal Center Formation. <i>PLoS ONE</i> , 2015, 10, e0127527.	2.5	21
114	Functional, Non-Clonal IgMa-Restricted B Cell Receptor Interactions with the HIV-1 Envelope gp41 Membrane Proximal External Region. <i>PLoS ONE</i> , 2009, 4, e7215.	2.5	20
115	Recall of B cell memory depends on relative locations of prime and boost immunization. <i>Science Immunology</i> , 2022, 7, eabn5311.	11.9	20
116	Priority of the anti-idiotypic response after antigen administration: artefact or intriguing network mechanism?. <i>Trends in Immunology</i> , 1984, 5, 61-63.	7.5	19
117	Structure-Guided Molecular Grafting of a Complex Broadly Neutralizing Viral Epitope. <i>ACS Infectious Diseases</i> , 2020, 6, 1182-1191.	3.8	18
118	Studies of the Humoral Immune Response. <i>Immunologic Research</i> , 2000, 22, 199-210.	2.9	17
119	A Prevalent Focused Human Antibody Response to the Influenza Virus Hemagglutinin Head Interface. <i>MBio</i> , 2021, 12, e0114421.	4.1	17
120	Broadly Neutralizing Antibodies and the Development of Vaccines. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 2419.	7.4	15
121	AID expression during B-cell development: searching for answers. <i>Immunologic Research</i> , 2011, 49, 3-13.	2.9	14
122	Role of germinal centers for the induction of broadly-reactive memory B cells. <i>Current Opinion in Immunology</i> , 2017, 45, 119-125.	5.5	14
123	Pairing of VH gene families with the λ light chain: Evidence for a non-stochastic association. <i>European Journal of Immunology</i> , 1993, 23, 1975-1979.	2.9	12
124	Cross-Reactivity to Kynureninase Tolerizes B Cells That Express the HIV-1 Broadly Neutralizing Antibody 2F5. <i>Journal of Immunology</i> , 2019, 203, 3268-3281.	0.8	12
125	Redemption of autoreactive B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9022-9023.	7.1	11
126	Enhanced Antibody Responses to an HIV-1 Membrane-Proximal External Region Antigen in Mice Reconstituted with Cultured Lymphocytes. <i>Journal of Immunology</i> , 2014, 192, 3269-3279.	0.8	10

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127	What Are the Primary Limitations in B-Cell Affinity Maturation, and How Much Affinity Maturation Can We Drive with Vaccination?. Cold Spring Harbor Perspectives in Biology, 2018, 10, a029397.	5.5	10
128	The First B-Cell Tolerance Checkpoint in Mice and Humans: Control by AID. Advances in Immunology, 2018, 139, 51-92.	2.2	10
129	Distinct granuloma responses in C57BL/6J and BALB/cByJ mice in response to pristane. International Journal of Experimental Pathology, 2010, 91, 460-471.	1.3	9
130	Minding the gap: The impact of Bâ€cell tolerance on the microbial antibody repertoire. Immunological Reviews, 2019, 292, 24-36.	6.0	9
131	Tracing Self-Reactive B Cells in Normal Mice. Journal of Immunology, 2020, 205, 90-101.	0.8	9
132	A novel role for Activation-induced cytidinedeaminase: Central B-cell tolerance. Cell Cycle, 2011, 10, 3423-3424.	2.6	8
133	Immune-Focusing Properties of Virus-like Particles Improve Protective IgA Responses. Journal of Immunology, 2019, 203, 3282-3292.	0.8	8
134	Continuous Culture of Mouse Primary B Lymphocytes by Forced Expression of <i>Bach2</i>. Journal of Immunology, 2021, 207, 1478-1492.	0.8	8
135	Somatic diversification of antibody responses. Journal of Clinical Immunology, 1996, 16, 1-11.	3.8	7
136	Outside Influence: TLRs Direct Hematopoietic Cell Fates. Immunity, 2006, 24, 667-669.	14.3	7
137	Immunodominance of Antibody Recognition of the HIV Envelope V2 Region in Ig-Humanized Mice. Journal of Immunology, 2017, 198, 1047-1055.	0.8	7
138	Contribution of the VH11 gene family to mitogen-responsive B cell repertoire in C57BL/6 mice. European Journal of Immunology, 1991, 21, 827-830.	2.9	6
139	Curiouser and curiouser: The role(s) of AID expression in selfâ€tolerance. European Journal of Immunology, 2014, 44, 2876-2879.	2.9	6
140	HIV-1 Envelope Mimicry of Host Enzyme Kynureninase Does Not Disrupt Tryptophan Metabolism. Journal of Immunology, 2016, 197, 4663-4673.	0.8	6
141	A cell-based multiplex immunoassay platform using fluorescent protein-barcoded reporter cell lines. Communications Biology, 2021, 4, 1338.	4.4	6
142	Therapeutic CD154 antibody for lupus: promise for the future?. Journal of Clinical Investigation, 2003, 112, 1480-1482.	8.2	5
143	Allo-Specific Humoral Responses: New Methods for Screening Donor-Specific Antibody and Characterization of HLA-Specific Memory B Cells. Frontiers in Immunology, 2021, 12, 705140.	4.8	4
144	Hypermutation in T cells questioned. Nature, 1995, 375, 286-286.	27.8	3

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145	Conserved cryptic recombination signals in V $\hat{\nu}$ gene segments are cleaved in small pre-B cells. BMC Immunology, 2009, 10, 37.	2.2	3
146	B cell tolerance: Putting the horse before the cart. Arthritis and Rheumatism, 2011, 63, 1173-1176.	6.7	3
147	Ideal Vaccines: Balancing B Cell Recruitment and Differentiation. Immunity, 2020, 53, 473-475.	14.3	3
148	Polyclonal Broadly Neutralizing Antibody Activity Characterized by CD4 Binding Site and V3-Glycan Antibodies in a Subset of HIV-1 Virus Controllers. Frontiers in Immunology, 2021, 12, 670561.	4.8	3
149	Heavy-chain receptor editing unbound. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2297-2298.	7.1	2
150	Remembrance of things past. Nature Immunology, 2000, 1, 375-376.	14.5	1
151	Cloning of murine splenic T lymphocytes and natural killer (NK) cells on filter paper discs: detection of a novel NK/T phenotype. European Journal of Immunology, 1991, 21, 635-641.	2.9	0
152	The Cellular and Molecular Biology of HIV-1 Broadly Neutralizing Antibodies. , 2015, , 441-461.		0
153	Immune focusing to a broadly protective subdominant viral epitope by antigen engineering. FASEB Journal, 2019, 33, .	0.5	0