

Mark J Shlomchik

List of Publications by Citations

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206
papers

23,044
citations

76
h-index

150
g-index

223
ext. papers

25,988
ext. citations

11.9
avg, IF

6.89
L-index

#	Paper	IF	Citations
206	Chromatin-IgG complexes activate B cells by dual engagement of IgM and Toll-like receptors. <i>Nature</i> , 2002 , 416, 603-7	50.4	1583
205	Prevention of graft versus host disease by inactivation of host antigen-presenting cells. <i>Science</i> , 1999 , 285, 412-5	33.3	1043
204	Toll-like receptor 7 and TLR9 dictate autoantibody specificity and have opposing inflammatory and regulatory roles in a murine model of lupus. <i>Immunity</i> , 2006 , 25, 417-28	32.3	810
203	RNA-associated autoantigens activate B cells by combined B cell antigen receptor/Toll-like receptor 7 engagement. <i>Journal of Experimental Medicine</i> , 2005 , 202, 1171-7	16.6	649
202	The role of clonal selection and somatic mutation in autoimmunity. <i>Nature</i> , 1987 , 328, 805-11	50.4	637
201	Anti-DNA antibodies from autoimmune mice arise by clonal expansion and somatic mutation. <i>Journal of Experimental Medicine</i> , 1990 , 171, 265-92	16.6	607
200	A novel mouse with B cells but lacking serum antibody reveals an antibody-independent role for B cells in murine lupus. <i>Journal of Experimental Medicine</i> , 1999 , 189, 1639-48	16.6	574
199	PD-1 regulates germinal center B cell survival and the formation and affinity of long-lived plasma cells. <i>Nature Immunology</i> , 2010 , 11, 535-42	19.1	490
198	Epidermal langerhans cell-deficient mice develop enhanced contact hypersensitivity. <i>Immunity</i> , 2005 , 23, 611-20	32.3	461
197	Activation of autoreactive B cells by CpG dsDNA. <i>Immunity</i> , 2003 , 19, 837-47	32.3	439
196	From T to B and back again: positive feedback in systemic autoimmune disease. <i>Nature Reviews Immunology</i> , 2001 , 1, 147-53	36.5	438
195	Toll-like receptor 9 controls anti-DNA autoantibody production in murine lupus. <i>Journal of Experimental Medicine</i> , 2005 , 202, 321-31	16.6	426
194	Evolution of autoantibody responses via somatic hypermutation outside of germinal centers. <i>Science</i> , 2002 , 297, 2066-70	33.3	419
193	Structure and function of anti-DNA autoantibodies derived from a single autoimmune mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987 , 84, 9150-4	11.5	394
192	Treatment with CD20-specific antibody prevents and reverses autoimmune diabetes in mice. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3857-67	15.9	315
191	Memory CD4+ T cells do not induce graft-versus-host disease. <i>Journal of Clinical Investigation</i> , 2003 , 112, 101-8	15.9	311
190	The role of B cells in lpr/lpr-induced autoimmunity. <i>Journal of Experimental Medicine</i> , 1994 , 180, 1295-306	66.6	309

189	Germinal center selection and the development of memory B and plasma cells. <i>Immunological Reviews</i> , 2012 , 247, 52-63	11.3	287
188	A Temporal Switch in the Germinal Center Determines Differential Output of Memory B and Plasma Cells. <i>Immunity</i> , 2016 , 44, 116-130	32.3	273
187	MHC class II-dependent B cell APC function is required for induction of CNS autoimmunity independent of myelin-specific antibodies. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2921-37	16.6	268
186	Hepatocyte mitochondrial DNA drives nonalcoholic steatohepatitis by activation of TLR9. <i>Journal of Clinical Investigation</i> , 2016 , 126, 859-64	15.9	265
185	TLR9 regulates TLR7- and MyD88-dependent autoantibody production and disease in a murine model of lupus. <i>Journal of Immunology</i> , 2010 , 184, 1840-8	5.3	254
184	CD80 and PD-L2 define functionally distinct memory B cell subsets that are independent of antibody isotype. <i>Nature Immunology</i> , 2014 , 15, 631-7	19.1	247
183	Sites and stages of autoreactive B cell activation and regulation. <i>Immunity</i> , 2008 , 28, 18-28	32.3	247
182	Definition of germinal-center B cell migration in vivo reveals predominant intrazonal circulation patterns. <i>Immunity</i> , 2007 , 26, 655-67	32.3	241
181	The central and multiple roles of B cells in lupus pathogenesis. <i>Immunological Reviews</i> , 1999 , 169, 107-21	11.3	237
180	Selective targeting of B cells with agonistic anti-CD40 is an efficacious strategy for the generation of induced regulatory T2-like B cells and for the suppression of lupus in MRL/lpr mice. <i>Journal of Immunology</i> , 2009 , 182, 3492-3502	5.3	236
179	Organogenic role of B lymphocytes in mucosal immunity. <i>Science</i> , 1999 , 286, 1965-8	33.3	203
178	New markers for murine memory B cells that define mutated and unmutated subsets. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2103-14	16.6	190
177	Attenuated liver fibrosis in the absence of B cells. <i>Journal of Clinical Investigation</i> , 2005 , 115, 3072-82	15.9	189
176	Depletion of B cells in murine lupus: efficacy and resistance. <i>Journal of Immunology</i> , 2007 , 179, 3351-61	5.3	186
175	B cell receptor signal transduction in the GC is short-circuited by high phosphatase activity. <i>Science</i> , 2012 , 336, 1178-81	33.3	185
174	To NET or not to NET: current opinions and state of the science regarding the formation of neutrophil extracellular traps. <i>Cell Death and Differentiation</i> , 2019 , 26, 395-408	12.7	185
173	Distinct roles for donor- and host-derived antigen-presenting cells and costimulatory molecules in murine chronic graft-versus-host disease: requirements depend on target organ. <i>Blood</i> , 2005 , 105, 2227-34	2.2	182
172	Autocrine/paracrine TGFbeta1 is required for the development of epidermal Langerhans cells. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2545-52	16.6	180

171	Donor B-cell alloantibody deposition and germinal center formation are required for the development of murine chronic GVHD and bronchiolitis obliterans. <i>Blood</i> , 2012 , 119, 1570-80	2.2	178
170	NADPH oxidase inhibits the pathogenesis of systemic lupus erythematosus. <i>Science Translational Medicine</i> , 2012 , 4, 157ra141	17.5	175
169	Recipient CD4+ T cells that survive irradiation regulate chronic graft-versus-host disease. <i>Blood</i> , 2004 , 104, 1565-73	2.2	174
168	T cell-independent and toll-like receptor-dependent antigen-driven activation of autoreactive B cells. <i>Immunity</i> , 2008 , 29, 249-60	32.3	173
167	Target antigens determine graft-versus-host disease phenotype. <i>Journal of Immunology</i> , 2004 , 173, 5467-75	5.3	167
166	Cutting edge: Hierarchy of maturity of murine memory B cell subsets. <i>Journal of Immunology</i> , 2010 , 185, 7146-50	5.3	162
165	Type II (tositumomab) anti-CD20 monoclonal antibody out performs type I (rituximab-like) reagents in B-cell depletion regardless of complement activation. <i>Blood</i> , 2008 , 112, 4170-7	2.2	154
164	Memory B Cells of Mice and Humans. <i>Annual Review of Immunology</i> , 2017 , 35, 255-284	34.7	153
163	Investigation of the role of B-cells in type 1 diabetes in the NOD mouse. <i>Diabetes</i> , 2004 , 53, 2581-7	0.9	151
162	BlyS inhibition eliminates primary B cells but leaves natural and acquired humoral immunity intact. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 15517-22	11.5	148
161	Antigen-specific B cells are required as APCs and autoantibody-producing cells for induction of severe autoimmune arthritis. <i>Journal of Immunology</i> , 2005 , 174, 3781-8	5.3	146
160	Germinal center initiation, variable gene region hypermutation, and mutant B cell selection without detectable immune complexes on follicular dendritic cells. <i>Journal of Experimental Medicine</i> , 2000 , 192, 931-42	16.6	146
159	B Cell Receptor and CD40 Signaling Are Rewired for Synergistic Induction of the c-Myc Transcription Factor in Germinal Center B Cells. <i>Immunity</i> , 2018 , 48, 313-326.e5	32.3	145
158	Dendritic cells in lupus are not required for activation of T and B cells but promote their expansion, resulting in tissue damage. <i>Immunity</i> , 2010 , 33, 967-78	32.3	144
157	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, 1215-21	16.6	139
156	Plasticity and heterogeneity in the generation of memory B cells and long-lived plasma cells: the influence of germinal center interactions and dynamics. <i>Journal of Immunology</i> , 2010 , 185, 3117-25	5.3	138
155	Salmonella Infection Drives Promiscuous B Cell Activation Followed by Extrafollicular Affinity Maturation. <i>Immunity</i> , 2015 , 43, 120-31	32.3	137
154	Variable region sequences of murine IgM anti-IgG monoclonal autoantibodies (rheumatoid factors). A structural explanation for the high frequency of IgM anti-IgG B cells. <i>Journal of Experimental Medicine</i> , 1986 , 164, 407-27	16.6	135

153	Regulation of lupus-related autoantibody production and clinical disease by Toll-like receptors. <i>Seminars in Immunology</i> , 2007 , 19, 11-23	10.7	132
152	A Shannon entropy analysis of immunoglobulin and T cell receptor. <i>Molecular Immunology</i> , 1997 , 34, 1067-82	4.3	131
151	Maintenance of the plasma cell pool is independent of memory B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 4802-7	11.5	129
150	Internalization of <i>Leishmania mexicana</i> complex amastigotes via the Fc receptor is required to sustain infection in murine cutaneous leishmaniasis. <i>Journal of Experimental Medicine</i> , 2000 , 191, 1063-8	16.6	129
149	Requirement of B cells for generating CD4+ T cell memory. <i>Journal of Immunology</i> , 2009 , 182, 1868-76	5.3	125
148	A B-cell receptor-specific selection step governs immature to mature B cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 2743-8	11.5	124
147	A disease-related rheumatoid factor autoantibody is not tolerized in a normal mouse: implications for the origins of autoantibodies in autoimmune disease. <i>Journal of Experimental Medicine</i> , 1996 , 184, 1269-78	16.6	118
146	A rheumatoid factor transgenic mouse model of autoantibody regulation. <i>International Immunology</i> , 1993 , 5, 1329-41	4.9	117
145	Signals via the adaptor MyD88 in B cells and DCs make distinct and synergistic contributions to immune activation and tissue damage in lupus. <i>Immunity</i> , 2013 , 38, 528-40	32.3	113
144	Tissue-Resident Macrophages Are Locally Programmed for Silent Clearance of Apoptotic Cells. <i>Immunity</i> , 2017 , 47, 913-927.e6	32.3	113
143	Activating systemic autoimmunity: B β , T β , and tolls. <i>Current Opinion in Immunology</i> , 2009 , 21, 626-33	7.8	109
142	Mechanisms of central nervous system viral persistence: the critical role of antibody and B cells. <i>Journal of Immunology</i> , 2002 , 168, 1204-11	5.3	109
141	Langerhans cells suppress contact hypersensitivity responses via cognate CD4 interaction and langerhans cell-derived IL-10. <i>Journal of Immunology</i> , 2009 , 183, 5085-93	5.3	107
140	Langerhans cells facilitate epithelial DNA damage and squamous cell carcinoma. <i>Science</i> , 2012 , 335, 104-8	33.3	106
139	Suppression of systemic autoimmunity by the innate immune adaptor STING. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E710-7	11.5	104
138	B-cell depletion in vitro and in vivo with an afucosylated anti-CD19 antibody. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 335, 213-22	4.7	104
137	B cells drive early T cell autoimmunity in vivo prior to dendritic cell-mediated autoantigen presentation. <i>Journal of Immunology</i> , 2006 , 177, 4481-7	5.3	100
136	Reassessing the function of immune-complex retention by follicular dendritic cells. <i>Nature Reviews Immunology</i> , 2003 , 3, 757-64	36.5	96

135	Murine B cell response to TLR7 ligands depends on an IFN-beta feedback loop. <i>Journal of Immunology</i> , 2009 , 183, 1569-76	5.3	93
134	Antigen-specific B-1a antibodies induced by <i>Francisella tularensis</i> LPS provide long-term protection against <i>F. tularensis</i> LVS challenge. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4343-8	11.5	91
133	An atlas of B-cell clonal distribution in the human body. <i>Nature Biotechnology</i> , 2017 , 35, 879-884	44.5	90
132	Cutting edge: transplant tolerance induced by anti-CD45RB requires B lymphocytes. <i>Journal of Immunology</i> , 2007 , 178, 6028-32	5.3	79
131	B cell-derived IL-10 does not regulate spontaneous systemic autoimmunity in MRL.Fas(lpr) mice. <i>Journal of Immunology</i> , 2012 , 188, 678-85	5.3	78
130	Germinal Center and Extrafollicular B Cell Responses in Vaccination, Immunity, and Autoimmunity. <i>Immunity</i> , 2020 , 53, 1136-1150	32.3	76
129	CD80 expression on B cells regulates murine T follicular helper development, germinal center B cell survival, and plasma cell generation. <i>Journal of Immunology</i> , 2012 , 188, 4217-25	5.3	75
128	Short-lived plasmablasts dominate the early spontaneous rheumatoid factor response: differentiation pathways, hypermutating cell types, and affinity maturation outside the germinal center. <i>Journal of Immunology</i> , 2005 , 174, 6879-87	5.3	75
127	Autoreactive B cells discriminate CpG-rich and CpG-poor DNA and this response is modulated by IFN-alpha. <i>Journal of Immunology</i> , 2008 , 181, 5875-84	5.3	73
126	Detecting selection in immunoglobulin sequences. <i>Nucleic Acids Research</i> , 2011 , 39, W499-504	20.1	72
125	Systematic comparison of gene expression between murine memory and naive B cells demonstrates that memory B cells have unique signaling capabilities. <i>Journal of Immunology</i> , 2008 , 181, 27-38	5.3	71
124	Estimating hypermutation rates from clonal tree data. <i>Journal of Immunology</i> , 2003 , 171, 4639-49	5.3	71
123	Taking advantage: high-affinity B cells in the germinal center have lower death rates, but similar rates of division, compared to low-affinity cells. <i>Journal of Immunology</i> , 2009 , 183, 7314-25	5.3	68
122	Germinal center B cells selectively oxidize fatty acids for energy while conducting minimal glycolysis. <i>Nature Immunology</i> , 2020 , 21, 331-342	19.1	66
121	Immune complexes present in the sera of autoimmune mice activate rheumatoid factor B cells. <i>Journal of Immunology</i> , 2000 , 165, 1626-33	5.3	66
120	Deficiency in beta(2)-microglobulin, but not CD1, accelerates spontaneous lupus skin disease while inhibiting nephritis in MRL-Fas(lpr) mice: an example of disease regulation at the organ level. <i>Journal of Immunology</i> , 2001 , 167, 2985-90	5.3	65
119	Histone modifications associated with somatic hypermutation. <i>Immunity</i> , 2005 , 23, 101-10	32.3	64
118	Effects of donor T-cell trafficking and priming site on graft-versus-host disease induction by naive and memory phenotype CD4 T cells. <i>Blood</i> , 2008 , 111, 5242-51	2.2	63

117	Improved methods for detecting selection by mutation analysis of Ig V region sequences. <i>International Immunology</i> , 2008 , 20, 683-94	4.9	63
116	Autoantigen-specific B cell activation in Fas-deficient rheumatoid factor immunoglobulin transgenic mice. <i>Journal of Experimental Medicine</i> , 1999 , 190, 639-49	16.6	62
115	Rituximab therapy reduces organ-specific T cell responses and ameliorates experimental autoimmune encephalomyelitis. <i>PLoS ONE</i> , 2011 , 6, e17103	3.7	60
114	Cutting edge: B cells are essential for protective immunity against Salmonella independent of antibody secretion. <i>Journal of Immunology</i> , 2012 , 189, 5503-7	5.3	60
113	In vivo imaging studies shed light on germinal-centre development. <i>Nature Reviews Immunology</i> , 2007 , 7, 499-504	36.5	60
112	Kidney-infiltrating T cells in murine lupus nephritis are metabolically and functionally exhausted. <i>Journal of Clinical Investigation</i> , 2018 , 128, 4884-4897	15.9	60
111	Continuous inhibitory signaling by both SHP-1 and SHIP-1 pathways is required to maintain unresponsiveness of anergic B cells. <i>Journal of Experimental Medicine</i> , 2016 , 213, 751-69	16.6	60
110	B Cell-Specific MHC Class II Deletion Reveals Multiple Nonredundant Roles for B Cell Antigen Presentation in Murine Lupus. <i>Journal of Immunology</i> , 2015 , 195, 2571-9	5.3	59
109	Anti-chromatin antibodies drive in vivo antigen-specific activation and somatic hypermutation of rheumatoid factor B cells at extrafollicular sites. <i>European Journal of Immunology</i> , 2007 , 37, 3339-51	6.1	59
108	Exacerbated autoimmunity in the absence of TLR9 in MRL.Fas(lpr) mice depends on Ifnar1. <i>Journal of Immunology</i> , 2013 , 190, 3889-94	5.3	56
107	Context-specific BAFF-R signaling by the NF- κ B and PI3K pathways. <i>Cell Reports</i> , 2013 , 5, 1022-35	10.6	56
106	Langerhans cells are not required for efficient skin graft rejection. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 1950-5	4.3	53
105	Linking signaling and selection in the germinal center. <i>Immunological Reviews</i> , 2019 , 288, 49-63	11.3	52
104	Lupus and proliferative nephritis are PAD4 independent in murine models. <i>JCI Insight</i> , 2017 , 2,	9.9	52
103	The roles of B cells in MRL/lpr murine lupus. <i>Annals of the New York Academy of Sciences</i> , 1997 , 815, 75-87.5		51
102	Antibody is required for clearance of infectious murine hepatitis virus A59 from the central nervous system, but not the liver. <i>Journal of Immunology</i> , 2001 , 167, 5254-63	5.3	51
101	Antibody effector functions mediated by Fc γ receptors are compromised during persistent viral infection. <i>Immunity</i> , 2015 , 42, 367-378	32.3	48
100	IRF4 controls the positioning of mature B cells in the lymphoid microenvironments by regulating NOTCH2 expression and activity. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2887-902	16.6	48

99	TLR9 promotes tolerance by restricting survival of anergic anti-DNA B cells, yet is also required for their activation. <i>Journal of Immunology</i> , 2013 , 190, 1447-56	5.3	48
98	Antibody-mediated B-cell depletion before adoptive immunotherapy with T cells expressing CD20-specific chimeric T-cell receptors facilitates eradication of leukemia in immunocompetent mice. <i>Blood</i> , 2009 , 114, 5454-63	2.2	46
97	Local triggering of the ICOS coreceptor by CD11c(+) myeloid cells drives organ inflammation in lupus. <i>Immunity</i> , 2015 , 42, 552-65	32.3	44
96	Facultative role for T cells in extrafollicular Toll-like receptor-dependent autoreactive B-cell responses in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 7932-7	11.5	44
95	Single round of antigen receptor signaling programs naive B cells to receive T cell help. <i>Immunity</i> , 2010 , 32, 355-66	32.3	44
94	Heavy-chain class switch does not terminate somatic mutation. <i>Journal of Experimental Medicine</i> , 1990 , 172, 531-6	16.6	44
93	A Model of Somatic Hypermutation Targeting in Mice Based on High-Throughput Ig Sequencing Data. <i>Journal of Immunology</i> , 2016 , 197, 3566-3574	5.3	44
92	RAGE-independent autoreactive B cell activation in response to chromatin and HMGB1/DNA immune complexes. <i>Autoimmunity</i> , 2010 , 43, 103-10	3	42
91	Memory B cell survival and function in the absence of secreted antibody and immune complexes on follicular dendritic cells. <i>Journal of Immunology</i> , 2006 , 176, 4515-9	5.3	42
90	PIRs mediate innate myeloid cell memory to nonself MHC molecules. <i>Science</i> , 2020 , 368, 1122-1127	33.3	41
89	Intrinsic properties of human and murine memory B cells. <i>Immunological Reviews</i> , 2006 , 211, 280-94	11.3	41
88	Selective T-cell subset ablation demonstrates a role for T1 and T2 cells in ongoing acute graft-versus-host disease: a model system for the reversal of disease. <i>Blood</i> , 2001 , 98, 3367-75	2.2	41
87	B cell tolerance checkpoints that restrict pathways of antigen-driven differentiation. <i>Journal of Immunology</i> , 2006 , 176, 2142-51	5.3	40
86	Neuroinvasion by a Creutzfeldt-Jakob disease agent in the absence of B cells and follicular dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 9289-94	11.5	40
85	B Cell-Intrinsic mTORC1 Promotes Germinal Center-Defining Transcription Factor Gene Expression, Somatic Hypermutation, and Memory B Cell Generation in Humoral Immunity. <i>Journal of Immunology</i> , 2018 , 200, 2627-2639	5.3	39
84	Sequential Activation of Two Pathogen-Sensing Pathways Required for Type I Interferon Expression and Resistance to an Acute DNA Virus Infection. <i>Immunity</i> , 2015 , 43, 1148-59	32.3	38
83	The role of antibodies and B cells in the pathogenesis of lupus nephritis. <i>Seminars in Immunopathology</i> , 2003 , 24, 363-75		37
82	Langerhans cells are not required for graft-versus-host disease. <i>Blood</i> , 2011 , 117, 697-707	2.2	35

81	Differential cytokine production and bystander activation of autoreactive B cells in response to CpG-A and CpG-B oligonucleotides. <i>Journal of Immunology</i> , 2009 , 183, 6262-8	5.3	35
80	The B cell receptor itself can activate complement to provide the complement receptor 1/2 ligand required to enhance B cell immune responses in vivo. <i>Journal of Experimental Medicine</i> , 2003 , 198, 591-602	16.6	34
79	The role of innate immunity in autoimmunity. <i>Journal of Experimental Medicine</i> , 2004 , 200, 1527-31	16.6	34
78	A new site-directed transgenic rheumatoid factor mouse model demonstrates extrafollicular class switch and plasmablast formation. <i>Autoimmunity</i> , 2010 , 43, 607-18	3	33
77	The AKT kinase signaling network is rewired by PTEN to control proximal BCR signaling in germinal center B cells. <i>Nature Immunology</i> , 2019 , 20, 736-746	19.1	32
76	Germinal centers. <i>Immunological Reviews</i> , 2012 , 247, 5-10	11.3	32
75	A repertoire-independent and cell-intrinsic defect in murine GVHD induction by effector memory T cells. <i>Blood</i> , 2011 , 118, 6209-19	2.2	32
74	Expression of diabetes-associated genes by dendritic cells and CD4 T cells drives the loss of tolerance in nonobese diabetic mice. <i>Journal of Immunology</i> , 2009 , 183, 1533-41	5.3	32
73	Visualizing the onset and evolution of an autoantibody response in systemic autoimmunity. <i>Journal of Immunology</i> , 2005 , 174, 6872-8	5.3	32
72	CD73 expression is dynamically regulated in the germinal center and bone marrow plasma cells are diminished in its absence. <i>PLoS ONE</i> , 2014 , 9, e92009	3.7	32
71	Cutting edge: B cells promote CD8+ T cell activation in MRL-Fas(lpr) mice independently of MHC class I antigen presentation. <i>Journal of Immunology</i> , 2000 , 164, 1658-62	5.3	31
70	ZBTB32 Restricts the Duration of Memory B Cell Recall Responses. <i>Journal of Immunology</i> , 2016 , 197, 1159-68	5.3	31
69	Antigen presentation and transfer between B cells and macrophages. <i>European Journal of Immunology</i> , 2007 , 37, 1739-51	6.1	30
68	Rheumatoid factor B cell memory leads to rapid, switched antibody-forming cell responses. <i>Journal of Immunology</i> , 2013 , 190, 1974-81	5.3	29
67	Multiple transcription factor binding sites predict AID targeting in non-Ig genes. <i>Journal of Immunology</i> , 2013 , 190, 3878-88	5.3	29
66	Differences in potential for amino acid change after mutation reveals distinct strategies for kappa and lambda light-chain variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 15963-8	11.5	29
65	An acquired defect in IgG-dependent phagocytosis explains the impairment in antibody-mediated cellular depletion in Lupus. <i>Journal of Immunology</i> , 2011 , 187, 3888-94	5.3	28
64	Kidney Proximal Tubular TLR9 Exacerbates Ischemic Acute Kidney Injury. <i>Journal of Immunology</i> , 2018 , 201, 1073-1085	5.3	27

63	Affinity-Restricted Memory B Cells Dominate Recall Responses to Heterologous Flaviviruses. <i>Immunity</i> , 2020 , 53, 1078-1094.e7	32.3	27
62	Integrating B cell lineage information into statistical tests for detecting selection in Ig sequences. <i>Journal of Immunology</i> , 2014 , 192, 867-74	5.3	26
61	The Influence of Somatic Mutation on Clonal Expansion 1989 , 415-423		25
60	Comprehensive analyses of B-cell compartments across the human body reveal novel subsets and a gut-resident memory phenotype. <i>Blood</i> , 2020 , 136, 2774-2785	2.2	25
59	Do Memory B Cells Form Secondary Germinal Centers? Yes and No. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018 , 10,	10.2	22
58	Targeting antigens through blood dendritic cell antigen 2 on plasmacytoid dendritic cells promotes immunologic tolerance. <i>Journal of Immunology</i> , 2014 , 192, 5789-5801	5.3	22
57	B lymphocytes confer immune tolerance via cell surface GARP-TGF- β complex. <i>JCI Insight</i> , 2018 , 3,	9.9	22
56	Requirement for Transcription Factor Ets1 in B Cell Tolerance to Self-Antigens. <i>Journal of Immunology</i> , 2015 , 195, 3574-83	5.3	21
55	B cell and/or autoantibody deficiency do not prevent neuropsychiatric disease in murine systemic lupus erythematosus. <i>Journal of Neuroinflammation</i> , 2016 , 13, 73	10.1	21
54	Activation of rheumatoid factor (RF) B cells and somatic hypermutation outside of germinal centers in autoimmune-prone MRL/lpr mice. <i>Annals of the New York Academy of Sciences</i> , 2003 , 987, 38-50	6.5	21
53	B cell-intrinsic TLR9 expression is protective in murine lupus. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3172-3187	15.9	21
52	Recipient B cells are not required for graft-versus-host disease induction. <i>Biology of Blood and Marrow Transplantation</i> , 2010 , 16, 1222-30	4.7	20
51	Responsive population dynamics and wide seeding into the duodenal lamina propria of transglutaminase-2-specific plasma cells in celiac disease. <i>Mucosal Immunology</i> , 2016 , 9, 254-64	9.2	19
50	Liver Is a Generative Site for the B Cell Response to <i>Ehrlichia muris</i> . <i>Immunity</i> , 2019 , 51, 1088-1101.e5	32.3	19
49	IL-12 Blocks Tfh Cell Differentiation during Salmonella Infection, thereby Contributing to Germinal Center Suppression. <i>Cell Reports</i> , 2019 , 29, 2796-2809.e5	10.6	19
48	Langerhans cell deficiency impairs <i>Ixodes scapularis</i> suppression of Th1 responses in mice. <i>Infection and Immunity</i> , 2009 , 77, 1881-7	3.7	18
47	Toll-like receptor 9 suppresses lupus disease in Fas-sufficient MRL Mice. <i>PLoS ONE</i> , 2017 , 12, e0173471	3.7	17
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