Mark J Shlomchik

List of Publications by Year
in descending order

218 papers	27,952 citations	6486 82 h-index	6512 162 g-index
224 all docs	224 docs citations	224 times ranked	24203 citing authors

#	Article	IF	Citations
1	Chromatinâ€"IgG complexes activate B cells by dual engagement of IgM and Toll-like receptors. Nature, 2002, 416, 603-607.	13.7	1,767
2	Prevention of Graft Versus Host Disease by Inactivation of Host Antigen-Presenting Cells. Science, 1999, 285, 412-415.	6.0	1,133
3	Toll-like Receptor 7 and TLR9 Dictate Autoantibody Specificity and Have Opposing Inflammatory and Regulatory Roles in a Murine Model of Lupus. Immunity, 2006, 25, 417-428.	6.6	965
4	RNA-associated autoantigens activate B cells by combined B cell antigen receptor/Toll-like receptor 7 engagement. Journal of Experimental Medicine, 2005, 202, 1171-1177.	4.2	730
5	The role of clonal selection and somatic mutation in autoimmunity. Nature, 1987, 328, 805-811.	13.7	708
6	Anti-DNA antibodies from autoimmune mice arise by clonal expansion and somatic mutation.. Journal of Experimental Medicine, 1990, 171, 265-292.	4.2	667
7	A Novel Mouse with B Cells but Lacking Serum Antibody Reveals an Antibody-independent Role for B Cells in Murine Lupus. Journal of Experimental Medicine, 1999, 189, 1639-1648.	4.2	644
8	PD-1 regulates germinal center B cell survival and the formation and affinity of long-lived plasma cells. Nature Immunology, 2010, 11, 535-542.	7.0	583
9	Epidermal Langerhans Cell-Deficient Mice Develop Enhanced Contact Hypersensitivity. Immunity, 2005, 23, 611-620.	6.6	515
10	From T to B and back again: positive feedback in systemic autoimmune disease. Nature Reviews Immunology, 2001, 1, 147-153.	10.6	505
11	Activation of Autoreactive B Cells by CpG dsDNA. Immunity, 2003, 19, 837-847.	6.6	492
12	Toll-like receptor 9 controls anti-DNA autoantibody production in murine lupus. Journal of Experimental Medicine, 2005, 202, 321-331.	4.2	483
13	Evolution of Autoantibody Responses via Somatic Hypermutation Outside of Germinal Centers. Science, 2002, 297, 2066-2070.	6.0	478
14	Structure and function of anti-DNA autoantibodies derived from a single autoimmune mouse.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 9150-9154.	3.3	442
15	A Temporal Switch in the Germinal Center Determines Differential Output of Memory B and Plasma Cells. Immunity, 2016, 44, 116-130.	6.6	420
16	Memory CD4+ T cells do not induce graft-versus-host disease. Journal of Clinical Investigation, 2003, 112, 101-108.	3.9	385
17	Hepatocyte mitochondrial DNA drives nonalcoholic steatohepatitis by activation of TLR9. Journal of Clinical Investigation, 2016, 126, 859-864.	3.9	377
18	Treatment with CD20-specific antibody prevents and reverses autoimmune diabetes in mice. Journal of Clinical Investigation, 2007, 117, 3857-3867.	3.9	369

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19	Germinal center selection and the development of memory B and plasma cells. Immunological Reviews, 2012, 247, 52-63.	2.8	362
20	CD80 and PD-L2 define functionally distinct memory B cell subsets that are independent of antibody isotype. Nature Immunology, 2014, 15, 631-637.	7.0	348
21	The role of B cells in lpr/lpr-induced autoimmunity.. Journal of Experimental Medicine, 1994, 180, 1295-1306.	4.2	336
22	MHC class IIâ€“dependent B cell APC function is required for induction of CNS autoimmunity independent of myelin-specific antibodies. Journal of Experimental Medicine, 2013, 210, 2921-2937.	4.2	336
23	TLR9 Regulates TLR7- and MyD88-Dependent Autoantibody Production and Disease in a Murine Model of Lupus. Journal of Immunology, 2010, 184, 1840-1848.	0.4	295
24	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. Cell Death and Differentiation, 2019, 26, 395-408.	5.0	295
25	Definition of Germinal-Center B Cell Migration InÂVivo Reveals Predominant IntrazonalÂCirculationÂPatterns. Immunity, 2007, 26, 655-667.	6.6	274
26	Sites and Stages of Autoreactive B Cell Activation and Regulation. Immunity, 2008, 28, 18-28.	6.6	274
27	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/<i>lpr</i> Mice. Journal of Immunology, 2009, 182, 3492-3502.	0.4	269
28	The central and multiple roles of B cells in lupus pathogenesis. Immunological Reviews, 1999, 169, 107-121.	2.8	260
29	B Cell Receptor Signal Transduction in the GC Is Short-Circuited by High Phosphatase Activity. Science, 2012, 336, 1178-1181.	6.0	249
30	Attenuated liver fibrosis in the absence of B cells. Journal of Clinical Investigation, 2005, 115, 3072-3082.	3.9	241
31	B Cell Receptor and CD40 Signaling Are Rewired for Synergistic Induction of the c-Myc Transcription Factor in Germinal Center B Cells. Immunity, 2018, 48, 313-326.e5.	6.6	236
32	New markers for murine memory B cells that define mutated and unmutated subsets. Journal of Experimental Medicine, 2007, 204, 2103-2114.	4.2	235
33	Germinal Center and Extrafollicular B Cell Responses in Vaccination, Immunity, and Autoimmunity. Immunity, 2020, 53, 1136-1150.	6.6	232
34	Memory B Cells of Mice and Humans. Annual Review of Immunology, 2017, 35, 255-284.	9.5	227
35	Donor B-cell alloantibody deposition and germinal center formation are required for the development of murine chronic GVHD and bronchiolitis obliterans. Blood, 2012, 119, 1570-1580.	0.6	221
36	Organogenic Role of B Lymphocytes in Mucosal Immunity. Science, 1999, 286, 1965-1968.	6.0	219

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37	Depletion of B Cells in Murine Lupus: Efficacy and Resistance. Journal of Immunology, 2007, 179, 3351-3361.	0.4	214
38	Autocrine/paracrine TGFÎ²1 is required for the development of epidermal Langerhans cells. Journal of Experimental Medicine, 2007, 204, 2545-2552.	4.2	210
39	NADPH Oxidase Inhibits the Pathogenesis of Systemic Lupus Erythematosus. Science Translational Medicine, 2012, 4, 157ra141.	5.8	209
40	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. Blood, 2005, 105, 2227-2234.	0.6	201
41	Target Antigens Determine Graft-versus-Host Disease Phenotype. Journal of Immunology, 2004, 173, 5467-5475.	0.4	200
42	Cutting Edge: Hierarchy of Maturity of Murine Memory B Cell Subsets. Journal of Immunology, 2010, 185, 7146-7150.	0.4	198
43	T Cell-Independent and Toll-like Receptor-Dependent Antigen-Driven Activation of Autoreactive B Cells. Immunity, 2008, 29, 249-260.	6.6	188
44	Recipient CD4+ T cells that survive irradiation regulate chronic graft-versus-host disease. Blood, 2004, 104, 1565-1573.	0.6	187
45	Tissue-Resident Macrophages Are Locally Programmed for Silent Clearance of Apoptotic Cells. Immunity, 2017, 47, 913-927.e6.	6.6	187
46	Salmonella Infection Drives Promiscuous B Cell Activation Followed by Extrafollicular Affinity Maturation. Immunity, 2015, 43, 120-131.	6.6	186
47	Investigation of the Role of B-Cells in Type 1 Diabetes in the NOD Mouse. Diabetes, 2004, 53, 2581-2587.	0.3	176
48	Plasticity and Heterogeneity in the Generation of Memory B Cells and Long-Lived Plasma Cells: The Influence of Germinal Center Interactions and Dynamics. Journal of Immunology, 2010, 185, 3117-3125.	0.4	174
49	Germinal center B cells selectively oxidize fatty acids for energy while conducting minimal glycolysis. Nature Immunology, 2020, 21, 331-342.	7.0	172
50	Type II (tositumomab) anti-CD20 monoclonal antibody out performs type I (rituximab-like) reagents in B-cell depletion regardless of complement activation. Blood, 2008, 112, 4170-4177.	0.6	170
51	BLyS inhibition eliminates primary B cells but leaves natural and acquired humoral immunity intact. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15517-15522.	3.3	161
52	Antigen-Specific B Cells Are Required as APCs and Autoantibody-Producing Cells for Induction of Severe Autoimmune Arthritis. Journal of Immunology, 2005, 174, 3781-3788.	0.4	160
53	Germinal Center Initiation, Variable Gene Region Hypermutation, and Mutant B Cell Selection without Detectable Immune Complexes on Follicular Dendritic Cells. Journal of Experimental Medicine, 2000, 192, 931-942.	4.2	159
54	Very Low Affinity B Cells Form Germinal Centers, Become Memory B Cells, and Participate in Secondary Immune Responses When Higher Affinity Competition Is Reduced. Journal of Experimental Medicine, 2002, 195, 1215-1221.	4.2	159

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55	Dendritic Cells in Lupus Are Not Required for Activation of T and B Cells but Promote Their Expansion, Resulting in Tissue Damage. Immunity, 2010, 33, 967-978.	6.6	155
56	Internalization of Leishmania mexicana Complex Amastigotes via the Fc Receptor Is Required to Sustain Infection in Murine Cutaneous Leishmaniasis. Journal of Experimental Medicine, 2000, 191, 1063-1068.	4.2	154
57	Requirement of B Cells for Generating CD4+ T Cell Memory. Journal of Immunology, 2009, 182, 1868-1876.	0.4	153
58	A Shannon entropy analysis of immunoglobulin and T cell receptor. Molecular Immunology, 1997, 34, 1067-1082.	1.0	150
59	An atlas of B-cell clonal distribution in the human body. Nature Biotechnology, 2017, 35, 879-884.	9.4	150
60	Regulation of lupus-related autoantibody production and clinical disease by Toll-like receptors. Seminars in Immunology, 2007, 19, 11-23.	2.7	147
61	Maintenance of the plasma cell pool is independent of memory B cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4802-4807.	3.3	147
62	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.. Journal of Experimental Medicine, 1986, 164, 407-427.	4.2	142
63	Suppression of systemic autoimmunity by the innate immune adaptor STING. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E710-7.	3.3	139
64	A B-cell receptor-specific selection step governs immature to mature B cell differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 2743-2748.	3.3	138
65	A disease-related rheumatoid factor autoantibody is not tolerized in a normal mouse: implications for the origins of autoantibodies in autoimmune disease.. Journal of Experimental Medicine, 1996, 184, 1269-1278.	4.2	135
66	Signals via the Adaptor MyD88 in B Cells and DCs Make Distinct and Synergistic Contributions to Immune Activation and Tissue Damage in Lupus. Immunity, 2013, 38, 528-540.	6.6	135
67	Langerhans Cells Facilitate Epithelial DNA Damage and Squamous Cell Carcinoma. Science, 2012, 335, 104-108.	6.0	132
68	A rheumatoid factor transgenic mouse model of autoantibody regulation. International Immunology, 1993, 5, 1329-1341.	1.8	130
69	Langerhans Cells Suppress Contact Hypersensitivity Responses Via Cognate CD4 Interaction and Langerhans Cell-Derived IL-10. Journal of Immunology, 2009, 183, 5085-5093.	0.4	125
70	Activating systemic autoimmunity: B's, T's, and tolls. Current Opinion in Immunology, 2009, 21, 626-633.	2.4	121
71	Murine B Cell Response to TLR7 Ligands Depends on an IFN-Î² Feedback Loop. Journal of Immunology, 2009, 183, 1569-1576.	0.4	119
72	B-Cell Depletion In Vitro and In Vivo with an Afucosylated Anti-CD19 Antibody. Journal of Pharmacology and Experimental Therapeutics, 2010, 335, 213-222.	1.3	119

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73	Mechanisms of Central Nervous System Viral Persistence: the Critical Role of Antibody and B Cells. Journal of Immunology, 2002, 168, 1204-1211.	0.4	117
74	Antigen-specific B-1a antibodies induced by<i>Francisella tularensis</i>LPS provide long-term protection against<i>F. tularensis</i>LVS challenge. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4343-4348.	3.3	111
75	B Cells Drive Early T Cell Autoimmunity In Vivo prior to Dendritic Cell-Mediated Autoantigen Presentation. Journal of Immunology, 2006, 177, 4481-4487.	0.4	109
76	Continuous inhibitory signaling by both SHP-1 and SHIP-1 pathways is required to maintain unresponsiveness of anergic B cells. Journal of Experimental Medicine, 2016, 213, 751-769.	4.2	104
77	Reassessing the function of immune-complex retention by follicular dendritic cells. Nature Reviews Immunology, 2003, 3, 757-764.	10.6	103
78	Linking signaling and selection in the germinal center. Immunological Reviews, 2019, 288, 49-63.	2.8	102
79	CD80 Expression on B Cells Regulates Murine T Follicular Helper Development, Germinal Center B Cell Survival, and Plasma Cell Generation. Journal of Immunology, 2012, 188, 4217-4225.	0.4	98
80	B Cellâ€“Specific MHC Class II Deletion Reveals Multiple Nonredundant Roles for B Cell Antigen Presentation in Murine Lupus. Journal of Immunology, 2015, 195, 2571-2579.	0.4	96
81	Kidney-infiltrating T cells in murine lupus nephritis are metabolically and functionally exhausted. Journal of Clinical Investigation, 2018, 128, 4884-4897.	3.9	95
82	B Cell-Derived IL-10 Does Not Regulate Spontaneous Systemic Autoimmunity in MRL.<i>Faslpr</i>Mice. Journal of Immunology, 2012, 188, 678-685.	0.4	94
83	PIRs mediate innate myeloid cell memory to nonself MHC molecules. Science, 2020, 368, 1122-1127.	6.0	92
84	Cutting Edge: Transplant Tolerance Induced by Anti-CD45RB Requires B Lymphocytes. Journal of Immunology, 2007, 178, 6028-6032.	0.4	90
85	Taking Advantage: High-Affinity B Cells in the Germinal Center Have Lower Death Rates, but Similar Rates of Division, Compared to Low-Affinity Cells. Journal of Immunology, 2009, 183, 7314-7325.	0.4	86
86	Estimating Hypermutation Rates from Clonal Tree Data. Journal of Immunology, 2003, 171, 4639-4649.	0.4	85
87	Short-Lived Plasmablasts Dominate the Early Spontaneous Rheumatoid Factor Response: Differentiation Pathways, Hypermutating Cell Types, and Affinity Maturation Outside the Germinal Center. Journal of Immunology, 2005, 174, 6879-6887.	0.4	83
88	Detecting selection in immunoglobulin sequences. Nucleic Acids Research, 2011, 39, W499-W504.	6.5	83
89	Systematic Comparison of Gene Expression between Murine Memory and Naive B Cells Demonstrates That Memory B Cells Have Unique Signaling Capabilities. Journal of Immunology, 2008, 181, 27-38.	0.4	82
90	Lupus and proliferative nephritis are PAD4 independent in murine models. JCI Insight, 2017, 2, .	2.3	81

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91	Autoreactive B Cells Discriminate CpG-Rich and CpG-Poor DNA and This Response Is Modulated by IFN-Î±. Journal of Immunology, 2008, 181, 5875-5884.	0.4	78
92	Deficiency in Î²2-Microglobulin, But Not CD1, Accelerates Spontaneous Lupus Skin Disease While Inhibiting Nephritis in MRL-Fas<i>lpr</i>Mice: An Example of Disease Regulation at the Organ Level. Journal of Immunology, 2001, 167, 2985-2990.	0.4	76
93	Affinity-Restricted Memory B Cells Dominate Recall Responses to Heterologous Flaviviruses. Immunity, 2020, 53, 1078-1094.e7.	6.6	76
94	Effects of donor T-cell trafficking and priming site on graft-versus-host disease induction by naive and memory phenotype CD4 T cells. Blood, 2008, 111, 5242-5251.	0.6	75
95	Improved methods for detecting selection by mutation analysis of Ig V region sequences. International Immunology, 2008, 20, 683-694.	1.8	75
96	Comprehensive analyses of B-cell compartments across the human body reveal novel subsets and a gut-resident memory phenotype. Blood, 2020, 136, 2774-2785.	0.6	74
97	Context-Specific BAFF-R Signaling by the NF-Î°B and PI3K Pathways. Cell Reports, 2013, 5, 1022-1035.	2.9	73
98	Immune Complexes Present in the Sera of Autoimmune Mice Activate Rheumatoid Factor B Cells. Journal of Immunology, 2000, 165, 1626-1633.	0.4	72
99	Autoantigen-Specific B Cell Activation in FAS-Deficient Rheumatoid Factor Immunoglobulin Transgenic Mice. Journal of Experimental Medicine, 1999, 190, 639-650.	4.2	70
100	Rituximab Therapy Reduces Organ-Specific T Cell Responses and Ameliorates Experimental Autoimmune Encephalomyelitis. PLoS ONE, 2011, 6, e17103.	1.1	69
101	Histone Modifications Associated with Somatic Hypermutation. Immunity, 2005, 23, 101-110.	6.6	68
102	In vivo imaging studies shed light on germinal-centre development. Nature Reviews Immunology, 2007, 7, 499-504.	10.6	67
103	B Cellâ€"Intrinsic mTORC1 Promotes Germinal Centerâ€"Defining Transcription Factor Gene Expression, Somatic Hypermutation, and Memory B Cell Generation in Humoral Immunity. Journal of Immunology, 2018, 200, 2627-2639.	0.4	67
104	Cutting Edge: B Cells Are Essential for Protective Immunity against <i>Salmonella</i> Independent of Antibody Secretion. Journal of Immunology, 2012, 189, 5503-5507.	0.4	66
105	Antiâ€chromatin antibodies drive <i>in vivo</i> antigenâ€specific activation and somatic hypermutation of rheumatoid factor B cells at extrafollicular sites. European Journal of Immunology, 2007, 37, 3339-3351.	1.6	63
106	Exacerbated Autoimmunity in the Absence of TLR9 in MRL.<i>Faslpr</i> Mice Depends on <i>Ifnar1</i>. Journal of Immunology, 2013, 190, 3889-3894.	0.4	63
107	A Model of Somatic Hypermutation Targeting in Mice Based on High-Throughput Ig Sequencing Data. Journal of Immunology, 2016, 197, 3566-3574.	0.4	63
108	B cellâ€"intrinsic TLR9 expression is protective in murine lupus. Journal of Clinical Investigation, 2020, 130, 3172-3187.	3.9	62

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109	IRF4 controls the positioning of mature B cells in the lymphoid microenvironments by regulating NOTCH2 expression and activity. Journal of Experimental Medicine, 2013, 210, 2887-2902.	4.2	61
110	The Roles of B Cells in MRL/lpr Murine Lupus. Annals of the New York Academy of Sciences, 1997, 815, 75-82.	1.8	59
111	Antibody Is Required for Clearance of Infectious Murine Hepatitis Virus A59 from the Central Nervous System, But Not the Liver. Journal of Immunology, 2001, 167, 5254-5263.	0.4	59
112	Sequential Activation of Two Pathogen-Sensing Pathways Required for Type I Interferon Expression and Resistance to an Acute DNA Virus Infection. Immunity, 2015, 43, 1148-1159.	6.6	59
113	Antibody Effector Functions Mediated by FcÎ³-Receptors Are Compromised during Persistent Viral Infection. Immunity, 2015, 42, 367-378.	6.6	59
114	Facultative role for T cells in extrafollicular Toll-like receptor-dependent autoreactive B-cell responses in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7932-7937.	3.3	58
115	TLR9 Promotes Tolerance by Restricting Survival of Anergic Anti-DNA B Cells, Yet Is Also Required for Their Activation. Journal of Immunology, 2013, 190, 1447-1456.	0.4	57
116	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. Blood, 2009, 114, 5454-5463.	0.6	56
117	Langerhans Cells Are Not Required for Efficient Skin Graft Rejection. Journal of Investigative Dermatology, 2008, 128, 1950-1955.	0.3	54
118	Single Round of Antigen Receptor Signaling Programs Naive B Cells to Receive T Cell Help. Immunity, 2010, 32, 355-366.	6.6	54
119	ZBTB32 Restricts the Duration of Memory B Cell Recall Responses. Journal of Immunology, 2016, 197, 1159-1168.	0.4	50
120	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. Blood, 2001, 98, 3367-3375.	0.6	48
121	Neuroinvasion by a Creutzfeldt-Jakob disease agent in the absence of B cells and follicular dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 9289-9294.	3.3	48
122	RAGE-independent autoreactive B cell activation in response to chromatin and HMGB1/DNA immune complexes. Autoimmunity, 2010, 43, 103-110.	1.2	48
123	Heavy-chain class switch does not terminate somatic mutation.. Journal of Experimental Medicine, 1990, 172, 531-536.	4.2	47
124	Intrinsic properties of human and murine memory B cells. Immunological Reviews, 2006, 211, 280-294.	2.8	47
125	Cutting Edge: Memory B Cell Survival and Function in the Absence of Secreted Antibody and Immune Complexes on Follicular Dendritic Cells. Journal of Immunology, 2006, 176, 4515-4519.	0.4	47
126	Local Triggering of the ICOS Coreceptor by CD11c+ Myeloid Cells Drives Organ Inflammation in Lupus. Immunity, 2015, 42, 552-565.	6.6	46

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127	Surface phenotypes of naive and memory B cells in mouse and human tissues. Nature Immunology, 2022, 23, 135-145.	7.0	46
128	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. Journal of Experimental Medicine, 2003, 198, 591-602.	4.2	45
129	The AKT kinase signaling network is rewired by PTEN to control proximal BCR signaling in germinal center B cells. Nature Immunology, 2019, 20, 736-746.	7.0	44
130	B Cell Tolerance Checkpoints That Restrict Pathways of Antigen-Driven Differentiation. Journal of Immunology, 2006, 176, 2142-2151.	0.4	43
131	Germinal centers. Immunological Reviews, 2012, 247, 5-10.	2.8	43
132	The role of antibodies and B cells in the pathogenesis of lupus nephritis. Seminars in Immunopathology, 2003, 24, 363-375.	4.0	41
133	CD73 Expression Is Dynamically Regulated in the Germinal Center and Bone Marrow Plasma Cells Are Diminished in Its Absence. PLoS ONE, 2014, 9, e92009.	1.1	41
134	A new site-directed transgenic rheumatoid factor mouse model demonstrates extrafollicular class switch and plasmablast formation. Autoimmunity, 2010, 43, 607-618.	1.2	40
135	Do Memory B Cells Form Secondary Germinal Centers?. Cold Spring Harbor Perspectives in Biology, 2018, 10, a029405.	2.3	40
136	Antigen presentation and transfer between B cells and macrophages. European Journal of Immunology, 2007, 37, 1739-1751.	1.6	39
137	Differential Cytokine Production and Bystander Activation of Autoreactive B Cells in Response to CpG-A and CpG-B Oligonucleotides. Journal of Immunology, 2009, 183, 6262-6268.	0.4	39
138	Langerhans cells are not required for graft-versus-host disease. Blood, 2011, 117, 697-707.	0.6	39
139	A repertoire-independent and cell-intrinsic defect in murine GVHD induction by effector memory T cells. Blood, 2011, 118, 6209-6219.	0.6	39
140	B lymphocytes confer immune tolerance via cell surface GARP-TGF-Î² complex. JCI Insight, 2018, 3, .	2.3	39
141	Cutting Edge: B Cells Promote CD8+ T Cell Activation in MRL-Fas<i>lpr</i>Mice Independently of MHC Class I Antigen Presentation. Journal of Immunology, 2000, 164, 1658-1662.	0.4	38
142	Differences in potential for amino acid change after mutation reveals distinct strategies for Â and Â light-chain variation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15963-15968.	3.3	38
143	The Role of Innate Immunity in Autoimmunity. Journal of Experimental Medicine, 2004, 200, 1527-1531.	4.2	37
144	Kidney Proximal Tubular TLR9 Exacerbates Ischemic Acute Kidney Injury. Journal of Immunology, 2018, 201, 1073-1085.	0.4	37

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145	Visualizing the Onset and Evolution of an Autoantibody Response in Systemic Autoimmunity. Journal of Immunology, 2005, 174, 6872-6878.	0.4	35
146	IL-12 Blocks Tfh Cell Differentiation during Salmonella Infection, thereby Contributing to Germinal Center Suppression. Cell Reports, 2019, 29, 2796-2809.e5.	2.9	34
147	Expression of Diabetes-Associated Genes by Dendritic Cells and CD4 T Cells Drives the Loss of Tolerance in Nonobese Diabetic Mice. Journal of Immunology, 2009, 183, 1533-1541.	0.4	33
148	An Acquired Defect in IgG-Dependent Phagocytosis Explains the Impairment in Antibody-Mediated Cellular Depletion in Lupus. Journal of Immunology, 2011, 187, 3888-3894.	0.4	33
149	Rheumatoid Factor B Cell Memory Leads to Rapid, Switched Antibody-Forming Cell Responses. Journal of Immunology, 2013, 190, 1974-1981.	0.4	33
150	Liver Is a Generative Site for the B Cell Response to Ehrlichia muris. Immunity, 2019, 51, 1088-1101.e5.	6.6	33
151	Multiple Transcription Factor Binding Sites Predict AID Targeting in Non-Ig Genes. Journal of Immunology, 2013, 190, 3878-3888.	0.4	32
152	Integrating B Cell Lineage Information into Statistical Tests for Detecting Selection in Ig Sequences. Journal of Immunology, 2014, 192, 867-874.	0.4	32
153	Requirement for Transcription Factor <i>Ets1</i> in B Cell Tolerance to Self-Antigens. Journal of Immunology, 2015, 195, 3574-3583.	0.4	31
154	The Influence of Somatic Mutation on Clonal Expansion. , 1989, , 415-423.		31
155	Dendritic Cells Regulate Extrafollicular Autoreactive B Cells via T Cells Expressing Fas and Fas Ligand. Immunity, 2016, 45, 1052-1065.	6.6	30
156	A single subcutaneous or intranasal immunization with adenovirusâ€based SARSâ€CoVâ€2 vaccine induces robust humoral and cellular immune responses in mice. European Journal of Immunology, 2021, 51, 1774-1784.	1.6	30
157	B cell and/or autoantibody deficiency do not prevent neuropsychiatric disease in murine systemic lupus erythematosus. Journal of Neuroinflammation, 2016, 13, 73.	3.1	27
158	Responsive population dynamics and wide seeding into the duodenal lamina propria of transglutaminase-2-specific plasma cells in celiac disease. Mucosal Immunology, 2016, 9, 254-264.	2.7	26
159	Targeting Antigens through Blood Dendritic Cell Antigen 2 on Plasmacytoid Dendritic Cells Promotes Immunologic Tolerance. Journal of Immunology, 2014, 192, 5789-5801.	0.4	25
160	Activation of Rheumatoid Factorâ€"Specific B Cells Is Antigen Dependent and Occurs Preferentially Outside of Germinal Centers in the Lupus-Prone NZM2410 Mouse Model. Journal of Immunology, 2014, 193, 1609-1621.	0.4	25
161	Recipient B Cells Are Not Required for Graft-Versus-Host Disease Induction. Biology of Blood and Marrow Transplantation, 2010, 16, 1222-1230.	2.0	24
162	B Cellâ€"Extrinsic <i>Myd88</i> and <i>Fcer1g</i> Negatively Regulate Autoreactive and Normal B Cell Immune Responses. Journal of Immunology, 2017, 199, 885-893.	0.4	23

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163	PD-L1 Prevents the Development of Autoimmune Heart Disease in Graft-versus-Host Disease. Journal of Immunology, 2018, 200, 834-846.	0.4	23
164	The Type II Antiâ€CD20 Antibody Obinutuzumab (GA101) Is More Effective Than Rituximab at Depleting B Cells and Treating Disease in a Murine Lupus Model. Arthritis and Rheumatology, 2021, 73, 826-836.	2.9	23
165	Activation of Rheumatoid Factor (RF) B Cells and Somatic Hypermutation Outside of Germinal Centers in Autoimmuneâ€Prone MRL/<i>lpr</i> Mice. Annals of the New York Academy of Sciences, 2003, 987, 38-50.	1.8	22
166	Toll-like receptor 9 suppresses lupus disease in Fas-sufficient MRL Mice. PLoS ONE, 2017, 12, e0173471.	1.1	22
167	Langerhans Cell Deficiency Impairs<i>Ixodes scapularis</i>Suppression of Th1 Responses in Mice. Infection and Immunity, 2009, 77, 1881-1887.	1.0	21
168	Making Digoxin Therapeutic Drug Monitoring More Effective. Therapeutic Drug Monitoring, 1991, 13, 215-219.	1.0	17
169	B cells are capable of independently eliciting rapid reactivation of encephalitogenic CD4 T cells in a murine model of multiple sclerosis. PLoS ONE, 2018, 13, e0199694.	1.1	17
170	Rheumatoid Factors in Health and Disease: Structure, Function, Induction and Regulation. , 2002, 6, 169-195.		16
171	Antibody-independent B cell-intrinsic and -extrinsic roles for CD21/35. European Journal of Immunology, 2006, 36, 2384-2393.	1.6	16
172	Enhancing alloreactivity does not restore GVHD induction but augments skin graft rejection by CD4⁺ effector memory T cells. European Journal of Immunology, 2011, 41, 2782-2792.	1.6	16
173	The Influence of Migration, Alloreactive Repertoire and Memory Subset on the Differential Ability of Naive and Memory T Cells To Induce GVHD.. Blood, 2005, 106, 577-577.	0.6	14
174	KIAA0317 regulates pulmonary inflammation through SOCS2 degradation. JCI Insight, 2019, 4, .	2.3	13
175	Autoreactive helper T cells alleviate the need for intrinsic TLR signaling in autoreactive B cell activation. JCI Insight, 2017, 2, e90870.	2.3	13
176	Isolation and flow cytometric analysis of T-cell-depleted CD34+ PBPCs. Transfusion, 2000, 40, 1475-1481.	0.8	12
177	B cell primary immune responses. Immunological Reviews, 2019, 288, 5-9.	2.8	12
178	Regulation of autoreactive anti-IgG (Rheumatoid Factor) B cells in normal and autoimmune mice. Immunologic Research, 1999, 19, 259-270.	1.3	10
179	Spontaneous Loss of Tolerance of Autoreactive B Cells in Act1-Deficient Rheumatoid Factor Transgenic Mice. Journal of Immunology, 2013, 191, 2155-2163.	0.4	10
180	CD4+ Effector Memory and Naive T Cells Mediate Graft-Versus-Leukemia Via Direct Recognition of MHCII on Leukemic Cells.. Blood, 2005, 106, 579-579.	0.6	7

#	Article	IF	Citations
181	The citrullinated/native index of autoantibodies against hnRNP-DL predicts an individual â€œwindow of treatment successâ€•in RA patients. Arthritis Research and Therapy, 2021, 23, 239.	1.6	6
182	Adoptive Transfer of Memory B Cells. Bio-protocol, 2015, 5, .	0.2	6
183	Heterogeneity and clonality of kidney-infiltrating T cells in murine lupus nephritis. JCI Insight, 2022, 7, .	2.3	6
184	Recipient Î³Î´ T cells in graft-versus-host disease. Blood, 2006, 107, 3808-3809.	0.6	5
185	Murine lupus is neutrophil elastase-independent in the MRL.Faslpr model. PLoS ONE, 2020, 15, e0226396.	1.1	5
186	Persistence of Virus-Specific Antibody after Depletion of Memory B Cells. Journal of Virology, 2022, 96, e0002622.	1.5	4
187	Correspondence. European Journal of Immunology, 1990, 20, 2529-2531.	1.6	3
188	Autoimmunity. Current Opinion in Immunology, 2004, 16, 738-740.	2.4	3
189	Identifying the Clonal Origins of Gvhd-Causing T Cells. Blood, 2016, 128, 497-497.	0.6	3
190	Rubicon promotes rather than restricts murine lupus and is not required for LC3-associated phagocytosis. JCI Insight, 2022, 7, .	2.3	3
191	Animal Models of Autoimmunity. , 2016, , 227-240.		2
192	BRAF V600E and Pten deletion in mice produces a histiocytic disorder with features of Langerhans cell histiocytosis. PLoS ONE, 2019, 14, e0222400.	1.1	2
193	Roles of Bone Morphogenetic Protein Receptor 1A in Germinal Centers and Long-Lived Humoral Immunity. ImmunoHorizons, 2021, 5, 284-297.	0.8	2
194	The Role of B Cells in Mouse Hepatitis Virus Infection and Pathology. Advances in Experimental Medicine and Biology, 2001, 494, 363-368.	0.8	2
195	Selection During Antigen-Driven B Cell Immune Responses: The Basis for High Affinity Antibody. , 2004, , 339-348.		2
196	Identifying Tissue-Resident Memory T Cells in Graft-Versus-Host Disease. Blood, 2016, 128, 4544-4544.	0.6	2
197	B Cells and Dendritic Cells from VÎº8 Light Chain Transgenic Mice Activate MRL-<i>lpr/gld</i>CD4+ T Cells. Journal of Immunology, 2006, 177, 45-52.	0.4	1
198	Autoimmunity. Current Opinion in Immunology, 2010, 22, 695-697.	2.4	1

#	Article	IF	Citations
199	Cross-Reactive Antigen Expressed by B6 Splenocytes Drives Receptor Editing and Marginal Zone Differentiation of IgG2a-Reactive AM14 Vl°8 B Cells. Journal of Immunology, 2019, 203, 2055-2062.	0.4	1
200	A New TCR Transgenic Model of GVHD Reveals That, Independent of Repertoire, Effector Memory T Cells Are Severely Limited, and Central Memory T Cells Somewhat Limited, in Their Ability to Cause GVHD.. Blood, 2009, 114, 233-233.	0.6	1
201	Continuous inhibitory signaling by both SHP-1 and SHIP-1 pathways is required to maintain unresponsiveness of anergic B cells. Journal of Cell Biology, 2016, 213, 2133OIA94.	2.3	1
202	02.41â€...New autoantigen (jktbp) part of stress granules closes the sensitivity gap in rheumatoid arthritis. , 2017, , .		0
203	Phenotypic and Clonal Analysis of Recipient B cells and Plasma Cells Entering Graft Mucosa Reveals an Association with Rejection and Evolution towards a Resident Memory Phenotype after Human Intestinal Transplantation. Transplantation, 2018, 102, S15-S16.	0.5	0
204	Distinct Roles for Donor and Host Antigen Presenting Cells and Costimulatory Molecules in Murine Chronic Graft-Vs-Host Disease: Requirements Depend on Target Organ.. Blood, 2004, 104, 3059-3059.	0.6	0
205	Spontaneous Memory CD4+ T Cells Preserve Graft-Versus-Leukemia without Causing Graft-Versus-Host Disease.. Blood, 2004, 104, 597-597.	0.6	0
206	Autocrine/paracrine TGFb1 is required for the development of epidermal Langerhans cells. Journal of Cell Biology, 2007, 179, i4-i4.	2.3	0
207	Maintenance of Plasma Cell Pool is Independent of Memory B cells. FASEB Journal, 2008, 22, 847.10.	0.2	0
208	BLyS Neutralization Ablates Primary But Not Memory B Cell Pools. FASEB Journal, 2008, 22, 366-366.	0.2	0
209	Toll-Like Receptors in Development of Systemic Autoimmune Disease. , 2008, , 159-170.		0
210	Recipient Langerhans Cells Are Neither Required Nor Sufficient for GVHD Induction in MHC-Matched Allogeneic BMT, but a Langerin+ Cell Is a Pivotal Regulator of Langerhans Cell Turnover Post Transplantation. Blood, 2008, 112, 3511-3511.	0.6	0
211	Toll-Like Receptor and Autoimmunity.. Blood, 2009, 114, SCI-24-SCI-24.	0.6	0
212	The Irf4 Gene, a Susceptibility Locus for Chronic Lymphocytic Leukemia (CLL), Controls Establishment of Follicular and Marginal Zone B Cell Compartments in Mice. Blood, 2011, 118, 285-285.	0.6	0
213	PD-L1 and PD-L2 Protect The Heart In a T-Cell Receptor Transgenic Model Of Graft-Versus Host Disease. Blood, 2013, 122, 4479-4479.	0.6	0
214	Credit Due. Science, 1999, 285, 1489-1489.	6.0	0
215	Liver Is a Generative Site for the B Cell Response to Ehrlichia Muris. SSRN Electronic Journal, 0, , .	0.4	0
216	505â€...Parenchymal INFÎ³ response regulates murine lupus nephritis. , 2021, , .		0

#	Article	IF	Citations
217	High Throughput Cloning of T Cell Receptors (TCRs) from Single Cells Reveals That TCRs Recognizing the Minor Histocompatibility Antigen HA-1 Have a Range of Affinities Despite Canonical Beta Chain Usage. Transplantation and Cellular Therapy, 2022, 28, S217.	0.6	0
218	A Pipeline for Optimizing miHA Specific TCR Therapy for Leukemia. Transplantation and Cellular Therapy, 2022, 28, S218-S219.	0.6	0