

Mark J Shlomchik

List of Publications by Year in descending order

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219
papers

27,952
citations

5574

82
h-index

5679

162
g-index

224
all docs

224
docs citations

224
times ranked

22359
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromatin- IgG complexes activate B cells by dual engagement of IgM and Toll-like receptors. <i>Nature</i> , 2002, 416, 603-607.	27.8	1,767
2	Prevention of Graft Versus Host Disease by Inactivation of Host Antigen-Presenting Cells. <i>Science</i> , 1999, 285, 412-415.	12.6	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. <i>Immunity</i> , 2006, 25, 417-428.	14.3	965
4	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, 1171-1177.	8.5	730
5	The role of clonal selection and somatic mutation in autoimmunity. <i>Nature</i> , 1987, 328, 805-811.	27.8	708
6	Anti-DNA antibodies from autoimmune mice arise by clonal expansion and somatic mutation.. <i>Journal of Experimental Medicine</i> , 1990, 171, 265-292.	8.5	667
7	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, 1639-1648.	8.5	644
8	PD-1 regulates germinal center B cell survival and the formation and affinity of long-lived plasma cells. <i>Nature Immunology</i> , 2010, 11, 535-542.	14.5	583
9	Epidermal Langerhans Cell-Deficient Mice Develop Enhanced Contact Hypersensitivity. <i>Immunity</i> , 2005, 23, 611-620.	14.3	515
10	From T to B and back again: positive feedback in systemic autoimmune disease. <i>Nature Reviews Immunology</i> , 2001, 1, 147-153.	22.7	505
11	Activation of Autoreactive B Cells by CpG dsDNA. <i>Immunity</i> , 2003, 19, 837-847.	14.3	492
12	Toll-like receptor 9 controls anti-DNA autoantibody production in murine lupus. <i>Journal of Experimental Medicine</i> , 2005, 202, 321-331.	8.5	483
13	Evolution of Autoantibody Responses via Somatic Hypermutation Outside of Germinal Centers. <i>Science</i> , 2002, 297, 2066-2070.	12.6	478
14	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, 9150-9154.	7.1	442
15	A Temporal Switch in the Germinal Center Determines Differential Output of Memory B and Plasma Cells. <i>Immunity</i> , 2016, 44, 116-130.	14.3	420
16	Memory CD4 ⁺ T cells do not induce graft-versus-host disease. <i>Journal of Clinical Investigation</i> , 2003, 112, 101-108.	8.2	385
17	Hepatocyte mitochondrial DNA drives nonalcoholic steatohepatitis by activation of TLR9. <i>Journal of Clinical Investigation</i> , 2016, 126, 859-864.	8.2	377
18	Treatment with CD20-specific antibody prevents and reverses autoimmune diabetes in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 3857-3867.	8.2	369

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19	Germinal center selection and the development of memory B and plasma cells. Immunological Reviews, 2012, 247, 52-63.	6.0	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.	14.5	348
21	The role of B cells in lpr/lpr-induced autoimmunity.. Journal of Experimental Medicine, 1994, 180, 1295-1306.	8.5	336
22	MHC class II- 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.	8.5	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.	0.8	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.	11.2	295
25	Definition of Germinal-Center B Cell Migration In Vivo Reveals Predominant Intrazonal Circulation Patterns. Immunity, 2007, 26, 655-667.	14.3	274
26	Sites and Stages of Autoreactive B Cell Activation and Regulation. Immunity, 2008, 28, 18-28.	14.3	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.	0.8	269
28	The central and multiple roles of B cells in lupus pathogenesis. Immunological Reviews, 1999, 169, 107-121.	6.0	260
29	B Cell Receptor Signal Transduction in the GC Is Short-Circuited by High Phosphatase Activity. Science, 2012, 336, 1178-1181.	12.6	249
30	Attenuated liver fibrosis in the absence of B cells. Journal of Clinical Investigation, 2005, 115, 3072-3082.	8.2	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.	14.3	236
32	New markers for murine memory B cells that define mutated and unmutated subsets. Journal of Experimental Medicine, 2007, 204, 2103-2114.	8.5	235
33	Germinal Center and Extrafollicular B Cell Responses in Vaccination, Immunity, and Autoimmunity. Immunity, 2020, 53, 1136-1150.	14.3	232
34	Memory B Cells of Mice and Humans. Annual Review of Immunology, 2017, 35, 255-284.	21.8	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.	1.4	221
36	Organogenic Role of B Lymphocytes in Mucosal Immunity. Science, 1999, 286, 1965-1968.	12.6	219

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37	Depletion of B Cells in Murine Lupus: Efficacy and Resistance. <i>Journal of Immunology</i> , 2007, 179, 3351-3361.	0.8	214
38	Autocrine/paracrine TGF β 1 is required for the development of epidermal Langerhans cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 2545-2552.	8.5	210
39	NADPH Oxidase Inhibits the Pathogenesis of Systemic Lupus Erythematosus. <i>Science Translational Medicine</i> , 2012, 4, 157ra141.	12.4	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. <i>Blood</i> , 2005, 105, 2227-2234.	1.4	201
41	Target Antigens Determine Graft-versus-Host Disease Phenotype. <i>Journal of Immunology</i> , 2004, 173, 5467-5475.	0.8	200
42	Cutting Edge: Hierarchy of Maturity of Murine Memory B Cell Subsets. <i>Journal of Immunology</i> , 2010, 185, 7146-7150.	0.8	198
43	T Cell-Independent and Toll-like Receptor-Dependent Antigen-Driven Activation of Autoreactive B Cells. <i>Immunity</i> , 2008, 29, 249-260.	14.3	188
44	Recipient CD4+ T cells that survive irradiation regulate chronic graft-versus-host disease. <i>Blood</i> , 2004, 104, 1565-1573.	1.4	187
45	Tissue-Resident Macrophages Are Locally Programmed for Silent Clearance of Apoptotic Cells. <i>Immunity</i> , 2017, 47, 913-927.e6.	14.3	187
46	Salmonella Infection Drives Promiscuous B Cell Activation Followed by Extrafollicular Affinity Maturation. <i>Immunity</i> , 2015, 43, 120-131.	14.3	186
47	Investigation of the Role of B-Cells in Type 1 Diabetes in the NOD Mouse. <i>Diabetes</i> , 2004, 53, 2581-2587.	0.6	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. <i>Journal of Immunology</i> , 2010, 185, 3117-3125.	0.8	174
49	Germinal center B cells selectively oxidize fatty acids for energy while conducting minimal glycolysis. <i>Nature Immunology</i> , 2020, 21, 331-342.	14.5	172
50	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, 4170-4177.	1.4	170
51	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, 15517-15522.	7.1	161
52	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, 3781-3788.	0.8	160
53	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, 931-942.	8.5	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. <i>Journal of Experimental Medicine</i> , 2002, 195, 1215-1221.	8.5	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. <i>Immunity</i> , 2010, 33, 967-978.	14.3	155
56	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, 1063-1068.	8.5	154
57	Requirement of B Cells for Generating CD4+ T Cell Memory. <i>Journal of Immunology</i> , 2009, 182, 1868-1876.	0.8	153
58	A Shannon entropy analysis of immunoglobulin and T cell receptor. <i>Molecular Immunology</i> , 1997, 34, 1067-1082.	2.2	150
59	An atlas of B-cell clonal distribution in the human body. <i>Nature Biotechnology</i> , 2017, 35, 879-884.	17.5	150
60	Regulation of lupus-related autoantibody production and clinical disease by Toll-like receptors. <i>Seminars in Immunology</i> , 2007, 19, 11-23.	5.6	147
61	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, 4802-4807.	7.1	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.. <i>Journal of Experimental Medicine</i> , 1986, 164, 407-427.	8.5	142
63	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.	7.1	139
64	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, 2743-2748.	7.1	138
65	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, 1269-1278.	8.5	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. <i>Immunity</i> , 2013, 38, 528-540.	14.3	135
67	Langerhans Cells Facilitate Epithelial DNA Damage and Squamous Cell Carcinoma. <i>Science</i> , 2012, 335, 104-108.	12.6	132
68	A rheumatoid factor transgenic mouse model of autoantibody regulation. <i>International Immunology</i> , 1993, 5, 1329-1341.	4.0	130
69	Langerhans Cells Suppress Contact Hypersensitivity Responses Via Cognate CD4 Interaction and Langerhans Cell-Derived IL-10. <i>Journal of Immunology</i> , 2009, 183, 5085-5093.	0.8	125
70	Activating systemic autoimmunity: B's, T's, and tolls. <i>Current Opinion in Immunology</i> , 2009, 21, 626-633.	5.5	121
71	Murine B Cell Response to TLR7 Ligands Depends on an IFN- γ Feedback Loop. <i>Journal of Immunology</i> , 2009, 183, 1569-1576.	0.8	119
72	B-Cell Depletion In Vitro and In Vivo with an Afucosylated Anti-CD19 Antibody. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 335, 213-222.	2.5	119

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73	Mechanisms of Central Nervous System Viral Persistence: the Critical Role of Antibody and B Cells. <i>Journal of Immunology</i> , 2002, 168, 1204-1211.	0.8	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4343-4348.	7.1	111
75	B Cells Drive Early T Cell Autoimmunity In Vivo prior to Dendritic Cell-Mediated Autoantigen Presentation. <i>Journal of Immunology</i> , 2006, 177, 4481-4487.	0.8	109
76	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, 751-769.	8.5	104
77	Reassessing the function of immune-complex retention by follicular dendritic cells. <i>Nature Reviews Immunology</i> , 2003, 3, 757-764.	22.7	103
78	Linking signaling and selection in the germinal center. <i>Immunological Reviews</i> , 2019, 288, 49-63.	6.0	102
79	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, 4217-4225.	0.8	98
80	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, 2571-2579.	0.8	96
81	Kidney-infiltrating T cells in murine lupus nephritis are metabolically and functionally exhausted. <i>Journal of Clinical Investigation</i> , 2018, 128, 4884-4897.	8.2	95
82	B Cell-Derived IL-10 Does Not Regulate Spontaneous Systemic Autoimmunity in MRL- <i>Fas</i> ^{lpr} Mice. <i>Journal of Immunology</i> , 2012, 188, 678-685.	0.8	94
83	PIRs mediate innate myeloid cell memory to nonself MHC molecules. <i>Science</i> , 2020, 368, 1122-1127.	12.6	92
84	Cutting Edge: Transplant Tolerance Induced by Anti-CD45RB Requires B Lymphocytes. <i>Journal of Immunology</i> , 2007, 178, 6028-6032.	0.8	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. <i>Journal of Immunology</i> , 2009, 183, 7314-7325.	0.8	86
86	Estimating Hypermutation Rates from Clonal Tree Data. <i>Journal of Immunology</i> , 2003, 171, 4639-4649.	0.8	85
87	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, 6879-6887.	0.8	83
88	Detecting selection in immunoglobulin sequences. <i>Nucleic Acids Research</i> , 2011, 39, W499-W504.	14.5	83
89	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.	0.8	82
90	Lupus and proliferative nephritis are PAD4 independent in murine models. <i>JCI Insight</i> , 2017, 2, .	5.0	81

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91	Autoreactive B Cells Discriminate CpG-Rich and CpG-Poor DNA and This Response Is Modulated by IFN- γ . Journal of Immunology, 2008, 181, 5875-5884.	0.8	78
92	Deficiency in β 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. Journal of Immunology, 2001, 167, 2985-2990.	0.8	76
93	Affinity-Restricted Memory B Cells Dominate Recall Responses to Heterologous Flaviviruses. Immunity, 2020, 53, 1078-1094.e7.	14.3	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.	1.4	75
95	Improved methods for detecting selection by mutation analysis of Ig V region sequences. International Immunology, 2008, 20, 683-694.	4.0	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.	1.4	74
97	Context-Specific BAFF-R Signaling by the NF- κ B and PI3K Pathways. Cell Reports, 2013, 5, 1022-1035.	6.4	73
98	Immune Complexes Present in the Sera of Autoimmune Mice Activate Rheumatoid Factor B Cells. Journal of Immunology, 2000, 165, 1626-1633.	0.8	72
99	Autoantigen-Specific B Cell Activation in FAS-Deficient Rheumatoid Factor Immunoglobulin Transgenic Mice. Journal of Experimental Medicine, 1999, 190, 639-650.	8.5	70
100	Rituximab Therapy Reduces Organ-Specific T Cell Responses and Ameliorates Experimental Autoimmune Encephalomyelitis. PLoS ONE, 2011, 6, e17103.	2.5	69
101	Histone Modifications Associated with Somatic Hypermutation. Immunity, 2005, 23, 101-110.	14.3	68
102	In vivo imaging studies shed light on germinal-centre development. Nature Reviews Immunology, 2007, 7, 499-504.	22.7	67
103	B Cell "Intrinsic mTORC1 Promotes Germinal Center" Defining Transcription Factor Gene Expression, Somatic Hypermutation, and Memory B Cell Generation in Humoral Immunity. Journal of Immunology, 2018, 200, 2627-2639.	0.8	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.	0.8	66
105	Anti-chromatin antibodies drive <i>in vivo</i> antigen-specific activation and somatic hypermutation of rheumatoid factor B cells at extrafollicular sites. European Journal of Immunology, 2007, 37, 3339-3351.	2.9	63
106	Exacerbated Autoimmunity in the Absence of TLR9 in MRL <i>Fas^{lpr}</i> Mice Depends on <i>Ifnar1</i> . Journal of Immunology, 2013, 190, 3889-3894.	0.8	63
107	A Model of Somatic Hypermutation Targeting in Mice Based on High-Throughput Ig Sequencing Data. Journal of Immunology, 2016, 197, 3566-3574.	0.8	63
108	B cell "intrinsic TLR9 expression is protective in murine lupus. Journal of Clinical Investigation, 2020, 130, 3172-3187.	8.2	62

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109	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, 2887-2902.	8.5	61
110	The Roles of B Cells in MRL/lpr Murine Lupus. <i>Annals of the New York Academy of Sciences</i> , 1997, 815, 75-82.	3.8	59
111	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, 5254-5263.	0.8	59
112	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, 1148-1159.	14.3	59
113	Antibody Effector Functions Mediated by Fc γ 3-Receptors Are Compromised during Persistent Viral Infection. <i>Immunity</i> , 2015, 42, 367-378.	14.3	59
114	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, 7932-7937.	7.1	58
115	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, 1447-1456.	0.8	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. <i>Blood</i> , 2009, 114, 5454-5463.	1.4	56
117	Langerhans Cells Are Not Required for Efficient Skin Graft Rejection. <i>Journal of Investigative Dermatology</i> , 2008, 128, 1950-1955.	0.7	54
118	Single Round of Antigen Receptor Signaling Programs Naive B Cells to Receive T Cell Help. <i>Immunity</i> , 2010, 32, 355-366.	14.3	54
119	ZBTB32 Restricts the Duration of Memory B Cell Recall Responses. <i>Journal of Immunology</i> , 2016, 197, 1159-1168.	0.8	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. <i>Blood</i> , 2001, 98, 3367-3375.	1.4	48
121	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, 9289-9294.	7.1	48
122	RAGE-independent autoreactive B cell activation in response to chromatin and HMGB1/DNA immune complexes. <i>Autoimmunity</i> , 2010, 43, 103-110.	2.6	48
123	Heavy-chain class switch does not terminate somatic mutation.. <i>Journal of Experimental Medicine</i> , 1990, 172, 531-536.	8.5	47
124	Intrinsic properties of human and murine memory B cells. <i>Immunological Reviews</i> , 2006, 211, 280-294.	6.0	47
125	Cutting Edge: 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, 4515-4519.	0.8	47
126	Local Triggering of the ICOS Coreceptor by CD11c+ Myeloid Cells Drives Organ Inflammation in Lupus. <i>Immunity</i> , 2015, 42, 552-565.	14.3	46

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127	Surface phenotypes of naive and memory B cells in mouse and human tissues. <i>Nature Immunology</i> , 2022, 23, 135-145.	14.5	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. <i>Journal of Experimental Medicine</i> , 2003, 198, 591-602.	8.5	45
129	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.	14.5	44
130	B Cell Tolerance Checkpoints That Restrict Pathways of Antigen-Driven Differentiation. <i>Journal of Immunology</i> , 2006, 176, 2142-2151.	0.8	43
131	Germinal centers. <i>Immunological Reviews</i> , 2012, 247, 5-10.	6.0	43
132	Memory CD4+ T cells do not induce graft-versus-host disease. <i>Journal of Clinical Investigation</i> , 2003, 112, 101-108.	8.2	42
133	The role of antibodies and B cells in the pathogenesis of lupus nephritis. <i>Seminars in Immunopathology</i> , 2003, 24, 363-375.	4.0	41
134	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.	2.5	41
135	A new site-directed transgenic rheumatoid factor mouse model demonstrates extrafollicular class switch and plasmablast formation. <i>Autoimmunity</i> , 2010, 43, 607-618.	2.6	40
136	Do Memory B Cells Form Secondary Germinal Centers?. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a029405.	5.5	40
137	Antigen presentation and transfer between B cells and macrophages. <i>European Journal of Immunology</i> , 2007, 37, 1739-1751.	2.9	39
138	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, 6262-6268.	0.8	39
139	Langerhans cells are not required for graft-versus-host disease. <i>Blood</i> , 2011, 117, 697-707.	1.4	39
140	A repertoire-independent and cell-intrinsic defect in murine GVHD induction by effector memory T cells. <i>Blood</i> , 2011, 118, 6209-6219.	1.4	39
141	B lymphocytes confer immune tolerance via cell surface GARP-TGF- β 2 complex. <i>JCI Insight</i> , 2018, 3, .	5.0	39
142	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, 1658-1662.	0.8	38
143	Differences in potential for amino acid change after mutation reveals distinct strategies for \hat{A} and \hat{A} light-chain variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15963-15968.	7.1	38
144	The Role of Innate Immunity in Autoimmunity. <i>Journal of Experimental Medicine</i> , 2004, 200, 1527-1531.	8.5	37

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145	Kidney Proximal Tubular TLR9 Exacerbates Ischemic Acute Kidney Injury. <i>Journal of Immunology</i> , 2018, 201, 1073-1085.	0.8	37
146	Visualizing the Onset and Evolution of an Autoantibody Response in Systemic Autoimmunity. <i>Journal of Immunology</i> , 2005, 174, 6872-6878.	0.8	35
147	IL-12 Blocks Tfh Cell Differentiation during Salmonella Infection, thereby Contributing to Germinal Center Suppression. <i>Cell Reports</i> , 2019, 29, 2796-2809.e5.	6.4	34
148	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, 1533-1541.	0.8	33
149	An Acquired Defect in IgG-Dependent Phagocytosis Explains the Impairment in Antibody-Mediated Cellular Depletion in Lupus. <i>Journal of Immunology</i> , 2011, 187, 3888-3894.	0.8	33
150	Rheumatoid Factor B Cell Memory Leads to Rapid, Switched Antibody-Forming Cell Responses. <i>Journal of Immunology</i> , 2013, 190, 1974-1981.	0.8	33
151	Liver Is a Generative Site for the B Cell Response to <i>Ehrlichia muris</i> . <i>Immunity</i> , 2019, 51, 1088-1101.e5.	14.3	33
152	Multiple Transcription Factor Binding Sites Predict AID Targeting in Non-Ig Genes. <i>Journal of Immunology</i> , 2013, 190, 3878-3888.	0.8	32
153	Integrating B Cell Lineage Information into Statistical Tests for Detecting Selection in Ig Sequences. <i>Journal of Immunology</i> , 2014, 192, 867-874.	0.8	32
154	Requirement for Transcription Factor <i>Ets1</i> in B Cell Tolerance to Self-Antigens. <i>Journal of Immunology</i> , 2015, 195, 3574-3583.	0.8	31
155	The Influence of Somatic Mutation on Clonal Expansion. , 1989, , 415-423.		31
156	Dendritic Cells Regulate Extrafollicular Autoreactive B Cells via T Cells Expressing Fas and Fas Ligand. <i>Immunity</i> , 2016, 45, 1052-1065.	14.3	30
157	A single subcutaneous or intranasal immunization with adenovirus-based SARS-CoV-2 vaccine induces robust humoral and cellular immune responses in mice. <i>European Journal of Immunology</i> , 2021, 51, 1774-1784.	2.9	30
158	B cell and/or autoantibody deficiency do not prevent neuropsychiatric disease in murine systemic lupus erythematosus. <i>Journal of Neuroinflammation</i> , 2016, 13, 73.	7.2	27
159	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, 254-264.	6.0	26
160	Targeting Antigens through Blood Dendritic Cell Antigen 2 on Plasmacytoid Dendritic Cells Promotes Immunologic Tolerance. <i>Journal of Immunology</i> , 2014, 192, 5789-5801.	0.8	25
161	Activation of Rheumatoid Factor-Specific B Cells Is Antigen Dependent and Occurs Preferentially Outside of Germinal Centers in the Lupus-Prone NZM2410 Mouse Model. <i>Journal of Immunology</i> , 2014, 193, 1609-1621.	0.8	25
162	Recipient B Cells Are Not Required for Graft-Versus-Host Disease Induction. <i>Biology of Blood and Marrow Transplantation</i> , 2010, 16, 1222-1230.	2.0	24

#	ARTICLE	IF	CITATIONS
163	B Cellâ€œExtrinsic <i>Myd88</i> and <i>Fcer1g</i> Negatively Regulate Autoreactive and Normal B Cell Immune Responses. Journal of Immunology, 2017, 199, 885-893.	0.8	23
164	PD-L1 Prevents the Development of Autoimmune Heart Disease in Graft-versus-Host Disease. Journal of Immunology, 2018, 200, 834-846.	0.8	23
165	The Type II Antiâ€œCD20 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.	5.6	23
166	Activation of Rheumatoid Factor (RF) B Cells and Somatic Hypermutation Outside of Germinal Centers in Autoimmuneâ€œProne MRL<i>/i> Mice. Annals of the New York Academy of Sciences, 2003, 987, 38-50.	3.8	22
167	Toll-like receptor 9 suppresses lupus disease in Fas-sufficient MRL Mice. PLoS ONE, 2017, 12, e0173471.	2.5	22
168	Langerhans Cell Deficiency Impairs<i>Ixodes scapularis</i> Suppression of Th1 Responses in Mice. Infection and Immunity, 2009, 77, 1881-1887.	2.2	21
169	Making Digoxin Therapeutic Drug Monitoring More Effective. Therapeutic Drug Monitoring, 1991, 13, 215-219.	2.0	17
170	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.	2.5	17
171	Rheumatoid Factors in Health and Disease: Structure, Function, Induction and Regulation. , 2002, 6, 169-195.		16
172	Antibody-independent B cell-intrinsic and -extrinsic roles for CD21/35. European Journal of Immunology, 2006, 36, 2384-2393.	2.9	16
173	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.	2.9	16
174	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.	1.4	14
175	KIAA0317 regulates pulmonary inflammation through SOCS2 degradation. JCI Insight, 2019, 4, .	5.0	13
176	Autoreactive helper T cells alleviate the need for intrinsic TLR signaling in autoreactive B cell activation. JCI Insight, 2017, 2, e90870.	5.0	13
177	Isolation and flow cytometric analysis of T-cell-depleted CD34+ PBPCs. Transfusion, 2000, 40, 1475-1481.	1.6	12
178	B cell primary immune responses. Immunological Reviews, 2019, 288, 5-9.	6.0	12
179	Regulation of autoreactive anti-IgG (Rheumatoid Factor) B cells in normal and autoimmune mice. Immunologic Research, 1999, 19, 259-270.	2.9	10
180	Spontaneous Loss of Tolerance of Autoreactive B Cells in Act1-Deficient Rheumatoid Factor Transgenic Mice. Journal of Immunology, 2013, 191, 2155-2163.	0.8	10

#	ARTICLE	IF	CITATIONS
181	CD4+ Effector Memory and Naive T Cells Mediate Graft-Versus-Leukemia Via Direct Recognition of MHCII on Leukemic Cells.. Blood, 2005, 106, 579-579.	1.4	7
182	The citrullinated/native index of autoantibodies against hnRNP-DL predicts an individual "window of treatment success" in RA patients. Arthritis Research and Therapy, 2021, 23, 239.	3.5	6
183	Adoptive Transfer of Memory B Cells. Bio-protocol, 2015, 5, .	0.4	6
184	Heterogeneity and clonality of kidney-infiltrating T cells in murine lupus nephritis. JCI Insight, 2022, 7, .	5.0	6
185	Recipient T cells in graft-versus-host disease. Blood, 2006, 107, 3808-3809.	1.4	5
186	Murine lupus is neutrophil elastase-independent in the MRL.Fas pr model. PLoS ONE, 2020, 15, e0226396.	2.5	5
187	Persistence of Virus-Specific Antibody after Depletion of Memory B Cells. Journal of Virology, 2022, 96, e0002622.	3.4	4
188	Correspondence. European Journal of Immunology, 1990, 20, 2529-2531.	2.9	3
189	Autoimmunity. Current Opinion in Immunology, 2004, 16, 738-740.	5.5	3
190	Identifying the Clonal Origins of Gvhd-Causing T Cells. Blood, 2016, 128, 497-497.	1.4	3
191	Rubicon promotes rather than restricts murine lupus and is not required for LC3-associated phagocytosis. JCI Insight, 2022, 7, .	5.0	3
192	Animal Models of Autoimmunity. , 2016, , 227-240.		2
193	BRAF V600E and Pten deletion in mice produces a histiocytic disorder with features of Langerhans cell histiocytosis. PLoS ONE, 2019, 14, e0222400.	2.5	2
194	Roles of Bone Morphogenetic Protein Receptor 1A in Germinal Centers and Long-Lived Humoral Immunity. ImmunoHorizons, 2021, 5, 284-297.	1.8	2
195	The Role of B Cells in Mouse Hepatitis Virus Infection and Pathology. Advances in Experimental Medicine and Biology, 2001, 494, 363-368.	1.6	2
196	Selection During Antigen-Driven B Cell Immune Responses: The Basis for High Affinity Antibody. , 2004, , 339-348.		2
197	Identifying Tissue-Resident Memory T Cells in Graft-Versus-Host Disease. Blood, 2016, 128, 4544-4544.	1.4	2
198	B Cells and Dendritic Cells from V β 8 Light Chain Transgenic Mice Activate MRL- <i>lpr/gld</i> CD4+ T Cells. Journal of Immunology, 2006, 177, 45-52.	0.8	1

#	ARTICLE	IF	CITATIONS
199	Autoimmunity. Current Opinion in Immunology, 2010, 22, 695-697.	5.5	1
200	Cross-Reactive Antigen Expressed by B6 Splenocytes Drives Receptor Editing and Marginal Zone Differentiation of IgG2a-Reactive AM14 V β 8 B Cells. Journal of Immunology, 2019, 203, 2055-2062.	0.8	1
201	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.	1.4	1
202	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.	5.2	1
203	02.41â€¦New autoantigen (jktbp) part of stress granules closes the sensitivity gap in rheumatoid arthritis. , 2017, , .		0
204	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.	1.0	0
205	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.	1.4	0
206	Spontaneous Memory CD4+ T Cells Preserve Graft-Versus-Leukemia without Causing Graft-Versus-Host Disease.. Blood, 2004, 104, 597-597.	1.4	0
207	Autocrine/paracrine TGF β 1 is required for the development of epidermal Langerhans cells. Journal of Cell Biology, 2007, 179, i4-i4.	5.2	0
208	Maintenance of Plasma Cell Pool is Independent of Memory B cells. FASEB Journal, 2008, 22, 847.10.	0.5	0
209	BLyS Neutralization Ablates Primary But Not Memory B Cell Pools. FASEB Journal, 2008, 22, 366-366.	0.5	0
210	Toll-Like Receptors in Development of Systemic Autoimmune Disease. , 2008, , 159-170.		0
211	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.	1.4	0
212	Toll-Like Receptor and Autoimmunity.. Blood, 2009, 114, SCI-24-SCI-24.	1.4	0
213	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.	1.4	0
214	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.	1.4	0
215	Credit Due. Science, 1999, 285, 1489-1489.	12.6	0
216	Liver Is a Generative Site for the B Cell Response to Ehrlichia Muris. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
217	505â€¦Parenchymal INFÎ³ response regulates murine lupus nephritis. , 2021, , .		0
218	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.	1.2	0
219	A Pipeline for Optimizing miHA Specific TCR Therapy for Leukemia. Transplantation and Cellular Therapy, 2022, 28, S218-S219.	1.2	0