

Germinal Center B Cell Dynamics

Immunity

45, 471-482

DOI: [10.1016/j.immuni.2016.09.001](https://doi.org/10.1016/j.immuni.2016.09.001)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Dynamic intravital imaging of cell-cell interactions in the lymph node. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 12-20.	1.5	40
2	Germinal centers: programmed for affinity maturation and antibody diversification. <i>Current Opinion in Immunology</i> , 2017, 45, 21-30.	2.4	178
3	Murine models of germinal center derived-lymphomas. <i>Current Opinion in Immunology</i> , 2017, 45, 31-36.	2.4	18
4	Overexpression of Interleukin-7 Extends the Humoral Immune Response Induced by Rabies Vaccination. <i>Journal of Virology</i> , 2017, 91, .	1.5	30
5	Particle-based delivery of the HIV envelope protein. <i>Current Opinion in HIV and AIDS</i> , 2017, 12, 265-271.	1.5	16
6	Lis1 Regulates Germinal Center B Cell Antigen Acquisition and Affinity Maturation. <i>Journal of Immunology</i> , 2017, 198, 4304-4311.	0.4	8
7	Repulsive behavior in germinal centers. <i>Science</i> , 2017, 356, 703-704.	6.0	2
8	The TORC that Gets the GC Cycling. <i>Immunity</i> , 2017, 46, 974-976.	6.6	1
9	Germinal Center Selection and Affinity Maturation Require Dynamic Regulation of mTORC1 Kinase. <i>Immunity</i> , 2017, 46, 1045-1058.e6.	6.6	232
10	T-cell-dependent mechanisms promote Ebola VLP-induced antibody responses, but are dispensable for vaccine-mediated protection. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-9.	3.0	13
11	Editorial overview: Germinal centers and memory B-cells: from here to eternity. <i>Current Opinion in Immunology</i> , 2017, 45, v-viii.	2.4	6
12	Memory B cells: total recall. <i>Current Opinion in Immunology</i> , 2017, 45, 132-140.	2.4	57
13	Regulation of memory B and plasma cell differentiation. <i>Current Opinion in Immunology</i> , 2017, 45, 126-131.	2.4	88
14	Stromal networking: cellular connections in the germinal centre. <i>Current Opinion in Immunology</i> , 2017, 45, 103-111.	2.4	40
15	Plasma cell and memory B cell differentiation from the germinal center. <i>Current Opinion in Immunology</i> , 2017, 45, 97-102.	2.4	139
16	Deconstructing the germinal center, one cell at a time. <i>Current Opinion in Immunology</i> , 2017, 45, 112-118.	2.4	31
17	Impact of aging on distribution of IgA + and IgG + cells in aggregated lymphoid nodules area in abomasum of Bactrian camels (<i>Camelus bactrianus</i>). <i>Experimental Gerontology</i> , 2017, 100, 36-44.	1.2	8
18	EZH2 enables germinal centre formation through epigenetic silencing of CDKN1A and an Rb-E2F1 feedback loop. <i>Nature Communications</i> , 2017, 8, 877.	5.8	132

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19	Chemically Induced Degradation of the Oncogenic Transcription Factor BCL6. <i>Cell Reports</i> , 2017, 20, 2860-2875.	2.9	133
20	How Germinal Centers Evolve Broadly Neutralizing Antibodies: the Breadth of the Follicular Helper T Cell Response. <i>Journal of Virology</i> , 2017, 91, .	1.5	32
21	Atypical memory B cells in human chronic infectious diseases: An interim report. <i>Cellular Immunology</i> , 2017, 321, 18-25.	1.4	157
22	Using homology modeling to interrogate binding affinity in neutralization of ricin toxin by a family of single domain antibodies. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1994-2008.	1.5	16
23	The regulation of gut mucosal IgA B-cell responses: recent developments. <i>Mucosal Immunology</i> , 2017, 10, 1361-1374.	2.7	145
24	Sustained T follicular helper cell response is essential for control of chronic viral infection. <i>Science Immunology</i> , 2017, 2, .	5.6	80
25	CTCF orchestrates the germinal centre transcriptional program and prevents premature plasma cell differentiation. <i>Nature Communications</i> , 2017, 8, 16067.	5.8	22
26	Antigen Acquisition Enables Newly Arriving B Cells To Enter Ongoing Immunization-Induced Germinal Centers. <i>Journal of Immunology</i> , 2017, 199, 1301-1307.	0.4	29
27	Epitope-Specific Suppression of IgG Responses by Passively Administered Specific IgG: Evidence of Epitope Masking. <i>Frontiers in Immunology</i> , 2017, 8, 238.	2.2	51
28	Mice Immunized with IgG Anti-Sheep Red Blood Cells (SRBC) Together With SRBC Have a Suppressed Anti-SRBC Antibody Response but Generate Germinal Centers and Anti-IgG Antibodies in Response to the Passively Administered IgG. <i>Frontiers in Immunology</i> , 2017, 8, 911.	2.2	6
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30	The non-canonical NF- κ B pathway in immunity and inflammation. <i>Nature Reviews Immunology</i> , 2017, 17, 545-558.	10.6	1,174
31	Using Genotype Abundance to Improve Phylogenetic Inference. <i>Molecular Biology and Evolution</i> , 2018, 35, 1253-1265.	3.5	55
32	Toll-like receptor 9 antagonizes antibody affinity maturation. <i>Nature Immunology</i> , 2018, 19, 255-266.	7.0	63
33	Genetics of diffuse large B-cell lymphoma. <i>Blood</i> , 2018, 131, 2307-2319.	0.6	186
34	Cutting Edge: Identification of Marginal Reticular Cells as Phagocytes of Apoptotic B Cells in Germinal Centers. <i>Journal of Immunology</i> , 2018, 200, 3691-3696.	0.4	18
35	Generation of memory B cells and their reactivation. <i>Immunological Reviews</i> , 2018, 283, 138-149.	2.8	135
36	Uhrf1 regulates germinal center B cell expansion and affinity maturation to control viral infection. <i>Journal of Experimental Medicine</i> , 2018, 215, 1437-1448.	4.2	30

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37	A single dose polyanhydride-based vaccine platform promotes and maintains anti-GnRH antibody titers. <i>Vaccine</i> , 2018, 36, 1016-1023.	1.7	10
39	Flow Cytometry Analysis of mTOR Signaling in Antigen-Specific B Cells. <i>Methods in Molecular Biology</i> , 2018, 1707, 95-109.	0.4	0
40	The RNA-binding protein PTBP1 is necessary for B cell selection in germinal centers. <i>Nature Immunology</i> , 2018, 19, 267-278.	7.0	63
41	Self-Reactive B Cells in the Germinal Center Reaction. <i>Annual Review of Immunology</i> , 2018, 36, 339-357.	9.5	65
42	Heterogeneity of memory B cells. <i>American Journal of Transplantation</i> , 2018, 18, 779-784.	2.6	18
43	Viral subversion of B cell responses within secondary lymphoid organs. <i>Nature Reviews Immunology</i> , 2018, 18, 255-265.	10.6	21
44	Airway exposure initiates peanut allergy by involving the IL-1 pathway and T follicular helper cells in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1144-1158.e8.	1.5	90
45	Cbl Ubiquitin Ligases Control B Cell Exit from the Germinal-Center Reaction. <i>Immunity</i> , 2018, 48, 530-541.e6.	6.6	58
46	What Are the Primary Limitations in B-Cell Affinity Maturation, and How Much Affinity Maturation Can We Drive with Vaccination?. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a029389.	2.3	26
47	Beyond binding: antibody effector functions in infectious diseases. <i>Nature Reviews Immunology</i> , 2018, 18, 46-61.	10.6	516
48	TLR7, a third signal for the robust generation of spontaneous germinal center B cells in systemic lupus erythematosus. <i>Cellular and Molecular Immunology</i> , 2018, 15, 286-288.	4.8	12
49	Stochasticity enables BCR-independent germinal center initiation and antibody affinity maturation. <i>Journal of Experimental Medicine</i> , 2018, 215, 77-90.	4.2	30
50	Foxp1 Negatively Regulates T Follicular Helper Cell Differentiation and Germinal Center Responses by Controlling Cell Migration and CTLA-4. <i>Journal of Immunology</i> , 2018, 200, 586-594.	0.4	23
51	Generation of Antibody Diversity. , 2018, , .		2
52	Rational Design and In Vivo Characterization of Vaccine Adjuvants. <i>ILAR Journal</i> , 2018, 59, 309-322.	1.8	4
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54	Benchmarking Tree and Ancestral Sequence Inference for B Cell Receptor Sequences. <i>Frontiers in Immunology</i> , 2018, 9, 2451.	2.2	26
55	B Cell Receptor Crosslinking Augments Germinal Center B Cell Selection when T Cell Help Is Limiting. <i>Cell Reports</i> , 2018, 25, 1395-1403.e4.	2.9	36

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56	Deciphering evolution of immune recognition in antibodies. <i>BMC Structural Biology</i> , 2018, 18, 19.	2.3	4
57	Isotype Specific Assembly of B Cell Antigen Receptors and Synergism With Chemokine Receptor CXCR4. <i>Frontiers in Immunology</i> , 2018, 9, 2988.	2.2	11
58	Human B Cell Differentiation Is Characterized by Progressive Remodeling of O-Linked Glycans. <i>Frontiers in Immunology</i> , 2018, 9, 2857.	2.2	37
59	Methyltransferase Nsd2 Ensures Germinal Center Selection by Promoting Adhesive Interactions between B Cells and Follicular Dendritic Cells. <i>Cell Reports</i> , 2018, 25, 3393-3404.e6.	2.9	13
60	Autoreactive, Low-Affinity T Cells Preferentially Drive Differentiation of Short-Lived Memory B Cells at the Expense of Germinal Center Maintenance. <i>Cell Reports</i> , 2018, 25, 3342-3355.e5.	2.9	7
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63	Active Tuning of Synaptic Patterns Enhances Immune Discrimination. <i>Physical Review Letters</i> , 2018, 121, 238101.	2.9	13
64	Tertiary Lymphoid Structures: Autoimmunity Goes Local. <i>Frontiers in Immunology</i> , 2018, 9, 1952.	2.2	121
65	TET2 Deficiency Causes Germinal Center Hyperplasia, Impairs Plasma Cell Differentiation, and Promotes B-cell Lymphomagenesis. <i>Cancer Discovery</i> , 2018, 8, 1632-1653.	7.7	120
66	The Transcriptional Regulation of Germinal Center Formation. <i>Frontiers in Immunology</i> , 2018, 9, 2026.	2.2	43
67	Affinity Maturation Is Impaired by Natural Killer Cell Suppression of Germinal Centers. <i>Cell Reports</i> , 2018, 24, 3367-3373.e4.	2.9	59
68	Lymph Node Cellular Dynamics in Cancer and HIV: What Can We Learn for the Follicular CD4 (Tfh) Cells?. <i>Frontiers in Immunology</i> , 2018, 9, 2233.	2.2	10
69	Regulation of the Germinal Center Response. <i>Frontiers in Immunology</i> , 2018, 9, 2469.	2.2	220
70	Nuclear FOXO1 promotes lymphomagenesis in germinal center B cells. <i>Blood</i> , 2018, 132, 2670-2683.	0.6	36
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73	Development and Use of an Endpoint Titration Assay To Characterize Mumps IgG Avidity following Measles, Mumps, and Rubella Vaccination and Wild-Type Mumps Infection. <i>MSphere</i> , 2018, 3, .	1.3	7

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74	Development of broadly neutralizing antibodies in HIV-1 infected elite neutralizers. <i>Retrovirology</i> , 2018, 15, 61.	0.9	90
75	Germinal Center B Cells Replace Their Antigen Receptors in Dark Zones and Fail Light Zone Entry when Immunoglobulin Gene Mutations are Damaging. <i>Immunity</i> , 2018, 49, 477-489.e7.	6.6	80
76	Glycoconjugate vaccines: Principles and mechanisms. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	158
77	Robust adaptive immune response against <i>Babesia microti</i> infection marked by low parasitemia in a murine model of sickle cell disease. <i>Blood Advances</i> , 2018, 2, 3462-3478.	2.5	14
78	Exacerbated <i>Staphylococcus aureus</i> Foot Infections in Obese/Diabetic Mice Are Associated with Impaired Germinal Center Reactions, Ig Class Switching, and Humoral Immunity. <i>Journal of Immunology</i> , 2018, 201, 560-572.	0.4	21
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80	Strength in diversity: Phenotypic, functional, and molecular heterogeneity within the memory B cell repertoire. <i>Immunological Reviews</i> , 2018, 284, 67-78.	2.8	29
81	The Bayesian optimist's guide to adaptive immune receptor repertoire analysis. <i>Immunological Reviews</i> , 2018, 284, 148-166.	2.8	12
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85	The Janus Face of Follicular T Helper Cells in Chronic Viral Infections. <i>Frontiers in Immunology</i> , 2018, 9, 1162.	2.2	19
86	Tfh1 Cells in Germinal Centers During Chronic HIV/SIV Infection. <i>Frontiers in Immunology</i> , 2018, 9, 1272.	2.2	33
87	Immune Response Regulation by Antigen Receptorsâ€™ Clone-Specific Nonself Parts. <i>Frontiers in Immunology</i> , 2018, 9, 1471.	2.2	10
88	Galectin-9 suppresses B cell receptor signaling and is regulated by I-branching of N-glycans. <i>Nature Communications</i> , 2018, 9, 3287.	5.8	99
89	Hyperactivated PI3KÎ´ promotes self and commensal reactivity at the expense of optimal humoral immunity. <i>Nature Immunology</i> , 2018, 19, 986-1000.	7.0	77
90	Activated CARD11 accelerates germinal center kinetics, promoting mTORC1 and terminal differentiation. <i>Journal of Experimental Medicine</i> , 2018, 215, 2445-2461.	4.2	11
91	Human germinal center transcriptional programs are de-synchronized in B cell lymphoma. <i>Nature Immunology</i> , 2018, 19, 1013-1024.	7.0	115

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93	The role of follicular helper CD4 T cells in the development of HIV-1 specific broadly neutralizing antibody responses. <i>Retrovirology</i> , 2018, 15, 54.	0.9	27
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96	Remembrance of Things Past: Long-Term B Cell Memory After Infection and Vaccination. <i>Frontiers in Immunology</i> , 2019, 10, 1787.	2.2	183
97	Oncogenic Rag GTPase signalling enhances B cell activation and drives follicular lymphoma sensitive to pharmacological inhibition of mTOR. <i>Nature Metabolism</i> , 2019, 1, 775-789.	5.1	40
98	Inducible T cell co-stimulator: Signaling mechanisms in T follicular helper cells and beyond. <i>Immunological Reviews</i> , 2019, 291, 91-103.	2.8	37
99	Regulation of immune system development and function by Cbl-mediated ubiquitination. <i>Immunological Reviews</i> , 2019, 291, 123-133.	2.8	23
100	T and B cell signaling in activated PI3K delta syndrome: From immunodeficiency to autoimmunity. <i>Immunological Reviews</i> , 2019, 291, 154-173.	2.8	51
101	Influenza Virus-Like Particles Presenting both <i>Toxoplasma gondii</i> ROP4 and ROP13 Enhance Protection against <i>T. gondii</i> Infection. <i>Pharmaceutics</i> , 2019, 11, 342.	2.0	21
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106	The Effect of Timing of Tetanus-Diphtheria-Acellular Pertussis Vaccine Administration in Pregnancy on the Avidity of Pertussis Antibodies. <i>Frontiers in Immunology</i> , 2019, 10, 2423.	2.2	26
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108	Impact of low tacrolimus exposure and high tacrolimus intra-patient variability on the development of <i>de novo</i> anti-HLA donor-specific antibodies in kidney transplant recipients. <i>Expert Review of Clinical Immunology</i> , 2019, 15, 1323-1331.	1.3	24
109	Autoreactive B cells in SLE, villains or innocent bystanders?. <i>Immunological Reviews</i> , 2019, 292, 120-138.	2.8	40

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110	A T Cell-B Cell Tumor-Suppressive Axis in the Germinal Center. <i>Immunity</i> , 2019, 51, 204-206.	6.6	5
111	Metformin attenuates autoimmune disease of the neuromotor system in animal models of myasthenia gravis. <i>International Immunopharmacology</i> , 2019, 75, 105822.	1.7	11
112	Tâ€œcellâ€œ-derived extracellular vesicles regulate Bâ€œcell IgG production<i>via</i> pyruvate kinase muscle isozyme 2. <i>FASEB Journal</i> , 2019, 33, 12780-12799.	0.2	14
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116	mTORC1 as a cell-intrinsic rheostat that shapes development, preimmune repertoire, and function of B lymphocytes. <i>FASEB Journal</i> , 2019, 33, 13202-13215.	0.2	4
117	Histone deacetylase 3 controls a transcriptional network required for B cell maturation. <i>Nucleic Acids Research</i> , 2019, 47, 10612-10627.	6.5	14
118	Role of Memory B Cells in Hemagglutinin-Specific Antibody Production Following Human Influenza A Virus Infection. <i>Pathogens</i> , 2019, 8, 167.	1.2	20
119	Excessive CD11c ⁺ Tbet ⁺ B cells promote aberrant T _{FH} differentiation and affinity-based germinal center selection in lupus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18550-18560.	3.3	68
120	Expression of the Plasma Cell Transcriptional Regulator Blimp-1 by Dark Zone Germinal Center B Cells During Periods of Proliferation. <i>Frontiers in Immunology</i> , 2018, 9, 3106.	2.2	36
121	The Role of Serotype-Specific Immunological Memory in Pneumococcal Vaccination: Current Knowledge and Future Prospects. <i>Vaccines</i> , 2019, 7, 13.	2.1	25
122	PI3K Orchestrates T Follicular Helper Cell Differentiation in a Context Dependent Manner: Implications for Autoimmunity. <i>Frontiers in Immunology</i> , 2018, 9, 3079.	2.2	23
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124	<sc>TET</sc> enzymes control antibody production and shape the mutational landscape in germinal centre B cells. <i>FEBS Journal</i> , 2019, 286, 3566-3581.	2.2	37
125	Mesangial Deposition Can Strongly Involve Innate-Like IgA Molecules Lacking Affinity Maturation. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1238-1249.	3.0	9
126	Non-oncogene Addiction to SIRT3 Plays a Critical Role in Lymphomagenesis. <i>Cancer Cell</i> , 2019, 35, 916-931.e9.	7.7	70
127	Ebola from Bedside to Bench. <i>Cell</i> , 2019, 177, 1370-1372.	13.5	2

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128	Activated Peyer's patch B cells sample antigen directly from M cells in the subepithelial dome. <i>Nature Communications</i> , 2019, 10, 2423.	5.8	55
129	Heterochronic faecal transplantation boosts gut germinal centres in aged mice. <i>Nature Communications</i> , 2019, 10, 2443.	5.8	72
130	The HVEM-BTLA Axis Restrains T Cell Help to Germinal Center B Cells and Functions as a Cell-Extrinsic Suppressor in Lymphomagenesis. <i>Immunity</i> , 2019, 51, 310-323.e7.	6.6	74
131	Comparative analysis of the germinal center response by flow cytometry and immunohistology. <i>Journal of Immunological Methods</i> , 2019, 472, 16-24.	0.6	4
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133	The Impact of Hyperosmolality on Activation and Differentiation of B Lymphoid Cells. <i>Frontiers in Immunology</i> , 2019, 10, 828.	2.2	14
134	Slow Delivery Immunization Enhances HIV Neutralizing Antibody and Germinal Center Responses via Modulation of Immunodominance. <i>Cell</i> , 2019, 177, 1153-1171.e28.	13.5	293
135	The B-Side of Cancer Immunity: The Underrated Tune. <i>Cells</i> , 2019, 8, 449.	1.8	117
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140	GC B cells $\hat{=}$ AKT $\hat{=}$ to blunt BCR signaling. <i>Nature Immunology</i> , 2019, 20, 671-674.	7.0	1
141	Aryl Hydrocarbon Receptor Interacting Protein Maintains Germinal Center B Cells through Suppression of BCL6 Degradation. <i>Cell Reports</i> , 2019, 27, 1461-1471.e4.	2.9	17
142	Distinct Requirements of CHD4 during B Cell Development and Antibody Response. <i>Cell Reports</i> , 2019, 27, 1472-1486.e5.	2.9	11
143	Non-classical B Cell Memory of Allergic IgE Responses. <i>Frontiers in Immunology</i> , 2019, 10, 715.	2.2	64
144	Cutting Edge: ATM Influences Germinal Center Integrity. <i>Journal of Immunology</i> , 2019, 202, 3137-3142.	0.4	6
145	Differential human antibody repertoires following Zika infection and the implications for serodiagnostics and disease outcome. <i>Nature Communications</i> , 2019, 10, 1943.	5.8	44
146	Amelioration of Autoimmune Arthritis in Mice Treated With the DNA Methyltransferase Inhibitor 5-azacytidine. <i>Arthritis and Rheumatology</i> , 2019, 71, 1265-1275.	2.9	22

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147	Impact of B cell/lymphoid stromal cell crosstalk in B-cell physiology and malignancy. <i>Immunology Letters</i> , 2019, 215, 12-18.	1.1	14
148	Programming Isotype-Specific Plasma Cell Function. <i>Trends in Immunology</i> , 2019, 40, 345-357.	2.9	31
149	Dysregulation of T Follicular Helper Cells in Lupus. <i>Journal of Immunology</i> , 2019, 202, 1649-1658.	0.4	34
150	CHK1 dosage in germinal center B cells controls humoral immunity. <i>Cell Death and Differentiation</i> , 2019, 26, 2551-2567.	5.0	14
151	High TNFRSF14 and low BTLA are associated with poor prognosis in Follicular Lymphoma and in Diffuse Large B-cell Lymphoma transformation. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2019, 59, 1-16.	0.3	36
152	Tfh cell response in influenza vaccines in humans: what is visible and what is invisible. <i>Current Opinion in Immunology</i> , 2019, 59, 9-14.	2.4	31
153	A unique nanoparticulate TLR9 agonist enables a HA split vaccine to confer Fc γ R-mediated protection against heterologous lethal influenza virus infection. <i>International Immunology</i> , 2019, 31, 81-90.	1.8	12
154	Germinal center B cell initiation, GC maturation, and the coevolution of its stromal cell niches. <i>Immunological Reviews</i> , 2019, 288, 10-27.	2.8	22
155	Epigenetic regulation of B cell fate and function during an immune response. <i>Immunological Reviews</i> , 2019, 288, 75-84.	2.8	28
156	Extrafollicular responses in humans and <sc>SLE</sc>. <i>Immunological Reviews</i> , 2019, 288, 136-148.	2.8	179
157	Linking signaling and selection in the germinal center. <i>Immunological Reviews</i> , 2019, 288, 49-63.	2.8	102
158	Proteasome Dependent Actin Remodeling Facilitates Antigen Extraction at the Immune Synapse of B Cells. <i>Frontiers in Immunology</i> , 2019, 10, 225.	2.2	35
159	Germinal center-derived lymphomas: The darkest side of humoral immunity. <i>Immunological Reviews</i> , 2019, 288, 214-239.	2.8	113
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