

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. Journal of Allergy and Clinical Immunology, 2017, 139, 12-20.	2.9	40
2	Germinal centers: programmed for affinity maturation and antibody diversification. Current Opinion in Immunology, 2017, 45, 21-30.	5.5	178
3	Murine models of germinal center derived-lymphomas. Current Opinion in Immunology, 2017, 45, 31-36.	5.5	18
4	Overexpression of Interleukin-7 Extends the Humoral Immune Response Induced by Rabies Vaccination. Journal of Virology, 2017, 91, .	3.4	30
5	Particle-based delivery of the HIV envelope protein. Current Opinion in HIV and AIDS, 2017, 12, 265-271.	3.8	16
6	Lis1 Regulates Germinal Center B Cell Antigen Acquisition and Affinity Maturation. Journal of Immunology, 2017, 198, 4304-4311.	0.8	8
7	Repulsive behavior in germinal centers. Science, 2017, 356, 703-704.	12.6	2
8	The TORC that Gets the GC Cycling. Immunity, 2017, 46, 974-976.	14.3	1
9	Germinal Center Selection and Affinity Maturation Require Dynamic Regulation of mTORC1 Kinase. Immunity, 2017, 46, 1045-1058.e6.	14.3	232
10	T-cell-dependent mechanisms promote Ebola VLP-induced antibody responses, but are dispensable for vaccine-mediated protection. Emerging Microbes and Infections, 2017, 6, 1-9.	6.5	13
11	Editorial overview: Germinal centers and memory B-cells: from here to eternity. Current Opinion in Immunology, 2017, 45, v-viii.	5.5	6
12	Memory B cells: total recall. Current Opinion in Immunology, 2017, 45, 132-140.	5.5	57
13	Regulation of memory B and plasma cell differentiation. Current Opinion in Immunology, 2017, 45, 126-131.	5.5	88
14	Stromal networking: cellular connections in the germinal centre. Current Opinion in Immunology, 2017, 45, 103-111.	5.5	40
15	Plasma cell and memory B cell differentiation from the germinal center. Current Opinion in Immunology, 2017, 45, 97-102.	5.5	139
16	Deconstructing the germinal center, one cell at a time. Current Opinion in Immunology, 2017, 45, 112-118.	5.5	31
17	Impact of aging on distribution of IgA + and IgG + cells in aggregated lymphoid nodules area in abomasum of Bactrian camels (Camelus bactrianus). Experimental Gerontology, 2017, 100, 36-44.	2.8	8
18	EZH2 enables germinal centre formation through epigenetic silencing of CDKN1A and an Rb-E2F1 feedback loop. Nature Communications, 2017, 8, 877.	12.8	132

#	ARTICLE	IF	CITATIONS
19	Chemically Induced Degradation of the Oncogenic Transcription Factor BCL6. Cell Reports, 2017, 20, 2860-2875.	6.4	133
20	How Germinal Centers Evolve Broadly Neutralizing Antibodies: the Breadth of the Follicular Helper T Cell Response. Journal of Virology, 2017, 91, .	3.4	32
21	Atypical memory B cells in human chronic infectious diseases: An interim report. Cellular Immunology, 2017, 321, 18-25.	3.0	157
22	Using homology modeling to interrogate binding affinity in neutralization of ricin toxin by a family of single domain antibodies. Proteins: Structure, Function and Bioinformatics, 2017, 85, 1994-2008.	2.6	16
23	The regulation of gut mucosal IgA B-cell responses: recent developments. Mucosal Immunology, 2017, 10, 1361-1374.	6.0	145
24	Sustained T follicular helper cell response is essential for control of chronic viral infection. Science Immunology, 2017, 2, .	11.9	80
25	CTCF orchestrates the germinal centre transcriptional program and prevents premature plasma cell differentiation. Nature Communications, 2017, 8, 16067.	12.8	22
26	Antigen Acquisition Enables Newly Arriving B Cells To Enter Ongoing Immunization-Induced Germinal Centers. Journal of Immunology, 2017, 199, 1301-1307.	0.8	29
27	Epitope-Specific Suppression of IgG Responses by Passively Administered Specific IgG: Evidence of Epitope Masking. Frontiers in Immunology, 2017, 8, 238.	4.8	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. Frontiers in Immunology, 2017, 8, 911.	4.8	6
29	Spoiling for a Fight: B Lymphocytes As Initiator and Effector Populations within Tertiary Lymphoid Organs in Autoimmunity and Transplantation. Frontiers in Immunology, 2017, 8, 1639.	4.8	57
30	The non-canonical NF- κ B pathway in immunity and inflammation. Nature Reviews Immunology, 2017, 17, 545-558.	22.7	1,174
31	Using Genotype Abundance to Improve Phylogenetic Inference. Molecular Biology and Evolution, 2018, 35, 1253-1265.	8.9	55
32	Toll-like receptor 9 antagonizes antibody affinity maturation. Nature Immunology, 2018, 19, 255-266.	14.5	63
33	Genetics of diffuse large B-cell lymphoma. Blood, 2018, 131, 2307-2319.	1.4	186
34	Cutting Edge: Identification of Marginal Reticular Cells as Phagocytes of Apoptotic B Cells in Germinal Centers. Journal of Immunology, 2018, 200, 3691-3696.	0.8	18
35	Generation of memory B cells and their reactivation. Immunological Reviews, 2018, 283, 138-149.	6.0	135
36	Uhrf1 regulates germinal center B cell expansion and affinity maturation to control viral infection. Journal of Experimental Medicine, 2018, 215, 1437-1448.	8.5	30

#	ARTICLE	IF	CITATIONS
37	A single dose polyanhydride-based vaccine platform promotes and maintains anti-GnRH antibody titers. Vaccine, 2018, 36, 1016-1023.	3.8	10
39	Flow Cytometry Analysis of mTOR Signaling in Antigen-Specific B Cells. Methods in Molecular Biology, 2018, 1707, 95-109.	0.9	0
40	The RNA-binding protein PTBP1 is necessary for B cell selection in germinal centers. Nature Immunology, 2018, 19, 267-278.	14.5	63
41	Self-Reactive B Cells in the Germinal Center Reaction. Annual Review of Immunology, 2018, 36, 339-357.	21.8	65
42	Heterogeneity of memory B cells. American Journal of Transplantation, 2018, 18, 779-784.	4.7	18
43	Viral subversion of B cell responses within secondary lymphoid organs. Nature Reviews Immunology, 2018, 18, 255-265.	22.7	21
44	Airway exposure initiates peanut allergy by involving the IL-1 pathway and T follicular helper cells in mice. Journal of Allergy and Clinical Immunology, 2018, 142, 1144-1158.e8.	2.9	90
45	Cbl Ubiquitin Ligases Control B Cell Exit from the Germinal-Center Reaction. Immunity, 2018, 48, 530-541.e6.	14.3	58
46	What Are the Primary Limitations in B-Cell Affinity Maturation, and How Much Affinity Maturation Can We Drive with Vaccination?. Cold Spring Harbor Perspectives in Biology, 2018, 10, a029389.	5.5	26
47	Beyond binding: antibody effector functions in infectious diseases. Nature Reviews Immunology, 2018, 18, 46-61.	22.7	516
48	TLR7, a third signal for the robust generation of spontaneous germinal center B cells in systemic lupus erythematosus. Cellular and Molecular Immunology, 2018, 15, 286-288.	10.5	12
49	Stochasticity enables BCR-independent germinal center initiation and antibody affinity maturation. Journal of Experimental Medicine, 2018, 215, 77-90.	8.5	30
50	Foxp1 Negatively Regulates T Follicular Helper Cell Differentiation and Germinal Center Responses by Controlling Cell Migration and CTLA-4. Journal of Immunology, 2018, 200, 586-594.	0.8	23
51	Generation of Antibody Diversity. , 2018, , .		2
52	Rational Design and In Vivo Characterization of Vaccine Adjuvants. ILAR Journal, 2018, 59, 309-322.	1.8	4
53	Nonredundant Roles of IL-21 and IL-4 in the Phased Initiation of Germinal Center B Cells and Subsequent Self-Renewal Transitions. Journal of Immunology, 2018, 201, 3569-3579.	0.8	58
54	Benchmarking Tree and Ancestral Sequence Inference for B Cell Receptor Sequences. Frontiers in Immunology, 2018, 9, 2451.	4.8	26
55	B Cell Receptor Crosslinking Augments Germinal Center B Cell Selection when T Cell Help Is Limiting. Cell Reports, 2018, 25, 1395-1403.e4.	6.4	36

#	ARTICLE	IF	CITATIONS
56	Deciphering evolution of immune recognition in antibodies. BMC Structural Biology, 2018, 18, 19.	2.3	4
57	Isotype Specific Assembly of B Cell Antigen Receptors and Synergism With Chemokine Receptor CXCR4. Frontiers in Immunology, 2018, 9, 2988.	4.8	11
58	Human B Cell Differentiation Is Characterized by Progressive Remodeling of O-Linked Glycans. Frontiers in Immunology, 2018, 9, 2857.	4.8	37
59	Methyltransferase Nsd2 Ensures Germinal Center Selection by Promoting Adhesive Interactions between B Cells and Follicular Dendritic Cells. Cell Reports, 2018, 25, 3393-3404.e6.	6.4	13
60	Autoreactive, Low-Affinity T Cells Preferentially Drive Differentiation of Short-Lived Memory B Cells at the Expense of Germinal Center Maintenance. Cell Reports, 2018, 25, 3342-3355.e5.	6.4	7
61	Intrinsic properties of human germinal center B cells set antigen affinity thresholds. Science Immunology, 2018, 3, .	11.9	65
62	Deconstructing Immune Microenvironments of Lymphoid Tissues for Reverse Engineering. Advanced Healthcare Materials, 2019, 8, e1801126.	7.6	12
63	Active Tuning of Synaptic Patterns Enhances Immune Discrimination. Physical Review Letters, 2018, 121, 238101.	7.8	13
64	Tertiary Lymphoid Structures: Autoimmunity Goes Local. Frontiers in Immunology, 2018, 9, 1952.	4.8	121
65	TET2 Deficiency Causes Germinal Center Hyperplasia, Impairs Plasma Cell Differentiation, and Promotes B-cell Lymphomagenesis. Cancer Discovery, 2018, 8, 1632-1653.	9.4	120
66	The Transcriptional Regulation of Germinal Center Formation. Frontiers in Immunology, 2018, 9, 2026.	4.8	43
67	Affinity Maturation Is Impaired by Natural Killer Cell Suppression of Germinal Centers. Cell Reports, 2018, 24, 3367-3373.e4.	6.4	59
68	Lymph Node Cellular Dynamics in Cancer and HIV: What Can We Learn for the Follicular CD4 (Tfh) Cells?. Frontiers in Immunology, 2018, 9, 2233.	4.8	10
69	Regulation of the Germinal Center Response. Frontiers in Immunology, 2018, 9, 2469.	4.8	220
70	Nuclear FOXO1 promotes lymphomagenesis in germinal center B cells. Blood, 2018, 132, 2670-2683.	1.4	36
71	BAFF and BAFF-Receptor in B Cell Selection and Survival. Frontiers in Immunology, 2018, 9, 2285.	4.8	208
72	Tracing Antibody Repertoire Evolution by Systems Phylogeny. Frontiers in Immunology, 2018, 9, 2149.	4.8	26
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. MSphere, 2018, 3, .	2.9	7

#	ARTICLE	IF	CITATIONS
74	Development of broadly neutralizing antibodies in HIV-1 infected elite neutralizers. <i>Retrovirology</i> , 2018, 15, 61.	2.0	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.	14.3	80
76	Glycoconjugate vaccines: Principles and mechanisms. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	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.	5.2	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.	0.8	21
79	Germinal center responses to complex antigens. <i>Immunological Reviews</i> , 2018, 284, 42-50.	6.0	31
80	Strength in diversity: Phenotypic, functional, and molecular heterogeneity within the memory B cell repertoire. <i>Immunological Reviews</i> , 2018, 284, 67-78.	6.0	29
81	The Bayesian optimist's guide to adaptive immune receptor repertoire analysis. <i>Immunological Reviews</i> , 2018, 284, 148-166.	6.0	12
82	Pathogenic Citrulline- Multispecific B Cell Receptor Clades in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2018, 70, 1933-1945.	5.6	68
83	Vaccinations in Rheumatology. , 2018, , 411-426.		0
84	PTEN-Regulated AID Transcription in Germinal Center B Cells Is Essential for the Class-Switch Recombination and IgG Antibody Responses. <i>Frontiers in Immunology</i> , 2018, 9, 371.	4.8	8
85	The Janus Face of Follicular T Helper Cells in Chronic Viral Infections. <i>Frontiers in Immunology</i> , 2018, 9, 1162.	4.8	19
86	Tfh1 Cells in Germinal Centers During Chronic HIV/SIV Infection. <i>Frontiers in Immunology</i> , 2018, 9, 1272.	4.8	33
87	Immune Response Regulation by Antigen Receptorsâ€™ Clone-Specific Nonself Parts. <i>Frontiers in Immunology</i> , 2018, 9, 1471.	4.8	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.	12.8	99
89	Hyperactivated PI3KÎ³ promotes self and commensal reactivity at the expense of optimal humoral immunity. <i>Nature Immunology</i> , 2018, 19, 986-1000.	14.5	77
90	Activated CARD11 accelerates germinal center kinetics, promoting mTORC1 and terminal differentiation. <i>Journal of Experimental Medicine</i> , 2018, 215, 2445-2461.	8.5	11
91	Human germinal center transcriptional programs are de-synchronized in B cell lymphoma. <i>Nature Immunology</i> , 2018, 19, 1013-1024.	14.5	115

#	ARTICLE	IF	CITATIONS
92	T Follicular Helper-Like Cells in Inflamed Non-Lymphoid Tissues. <i>Frontiers in Immunology</i> , 2018, 9, 1707.	4.8	50
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.	2.0	27
94	IgG1 ⁺ B ₁ cell immunity predates IgE responses in epicutaneous sensitization to foods. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 165-175.	5.7	49
95	Ex vivo synthetic immune tissues with T cell signals for differentiating antigen-specific, high affinity germinal center B cells. <i>Biomaterials</i> , 2019, 198, 27-36.	11.4	39
96	Remembrance of Things Past: Long-Term B Cell Memory After Infection and Vaccination. <i>Frontiers in Immunology</i> , 2019, 10, 1787.	4.8	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.	11.9	40
98	Inducible T _H cell co-stimulator: Signaling mechanisms in T follicular helper cells and beyond. <i>Immunological Reviews</i> , 2019, 291, 91-103.	6.0	37
99	Regulation of immune system development and function by Cbl-mediated ubiquitination. <i>Immunological Reviews</i> , 2019, 291, 123-133.	6.0	23
100	T and B ₁ cell signaling in activated PI3K delta syndrome: From immunodeficiency to autoimmunity. <i>Immunological Reviews</i> , 2019, 291, 154-173.	6.0	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.	4.5	21
102	TLR9 agonist MGN1703 enhances B cell differentiation and function in lymph nodes. <i>EBioMedicine</i> , 2019, 45, 328-340.	6.1	22
103	Cross-clade antibody reactivity may attenuate the ability of influenza virus to evade the immune response. <i>Molecular Immunology</i> , 2019, 114, 149-161.	2.2	4
104	Criz-1 Controls Germinal Center Reaction by Relaying a Wnt Signal to the Bcl-6 Expression in Centrobasts during Humoral Immune Responses. <i>Journal of Immunology</i> , 2019, 203, 2630-2643.	0.8	2
105	Activated P13K $\hat{\gamma}$ disrupts germinal center GC T(fh)/GC B cell cross talk and B cell antibody coding. <i>Cellular and Molecular Immunology</i> , 2019, 16, 848-850.	10.5	0
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.	4.8	26
107	T cell immune response within B-cell follicles. <i>Advances in Immunology</i> , 2019, 144, 155-171.	2.2	16
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.	3.0	24
109	Autoreactive B cells in SLE, villains or innocent bystanders?. <i>Immunological Reviews</i> , 2019, 292, 120-138.	6.0	40

#	ARTICLE	IF	CITATIONS
110	A T Cell-B Cell Tumor-Suppressive Axis in the Germinal Center. <i>Immunity</i> , 2019, 51, 204-206.	14.3	5
111	Metformin attenuates autoimmune disease of the neuromotor system in animal models of myasthenia gravis. <i>International Immunopharmacology</i> , 2019, 75, 105822.	3.8	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.	0.5	14
113	Orphan Nuclear Receptor NR2F6 Suppresses T Follicular Helper Cell Accumulation through Regulation of IL-21. <i>Cell Reports</i> , 2019, 28, 2878-2891.e5.	6.4	20
114	Unique and Shared Epigenetic Programs of the CREBBP and EP300 Acetyltransferases in Germinal Center B Cells Reveal Targetable Dependencies in Lymphoma. <i>Immunity</i> , 2019, 51, 535-547.e9.	14.3	93
115	Nanoparticle Size Influences Antigen Retention and Presentation in Lymph Node Follicles for Humoral Immunity. <i>Nano Letters</i> , 2019, 19, 7226-7235.	9.1	140
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.	0.5	4
117	Histone deacetylase 3 controls a transcriptional network required for B cell maturation. <i>Nucleic Acids Research</i> , 2019, 47, 10612-10627.	14.5	14
118	Role of Memory B Cells in Hemagglutinin-Specific Antibody Production Following Human Influenza A Virus Infection. <i>Pathogens</i> , 2019, 8, 167.	2.8	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.	7.1	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.	4.8	36
121	The Role of Serotype-Specific Immunological Memory in Pneumococcal Vaccination: Current Knowledge and Future Prospects. <i>Vaccines</i> , 2019, 7, 13.	4.4	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.	4.8	23
123	The B Cell Activation-Induced miR-183 Cluster Plays a Minimal Role in Canonical Primary Humoral Responses. <i>Journal of Immunology</i> , 2019, 202, 1383-1396.	0.8	8
124	<scp>TET</scp> enzymes control antibody production and shape the mutational landscape in germinal centre B cells. <i>FEBS Journal</i> , 2019, 286, 3566-3581.	4.7	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.	6.1	9
126	Non-oncogene Addiction to SIRT3 Plays a Critical Role in Lymphomagenesis. <i>Cancer Cell</i> , 2019, 35, 916-931.e9.	16.8	70
127	Ebola from Bedside to Bench. <i>Cell</i> , 2019, 177, 1370-1372.	28.9	2

#	ARTICLE	IF	CITATIONS
128	Activated Peyer's patch B cells sample antigen directly from M cells in the subepithelial dome. <i>Nature Communications</i> , 2019, 10, 2423.	12.8	55
129	Heterochronic faecal transplantation boosts gut germinal centres in aged mice. <i>Nature Communications</i> , 2019, 10, 2443.	12.8	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.	14.3	74
131	Comparative analysis of the germinal center response by flow cytometry and immunohistology. <i>Journal of Immunological Methods</i> , 2019, 472, 16-24.	1.4	4
132	TRAIL-R1 and TRAIL-R2 Mediate TRAIL-Dependent Apoptosis in Activated Primary Human B Lymphocytes. <i>Frontiers in Immunology</i> , 2019, 10, 951.	4.8	16
133	The Impact of Hyperosmolality on Activation and Differentiation of B Lymphoid Cells. <i>Frontiers in Immunology</i> , 2019, 10, 828.	4.8	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.	28.9	293
135	The B-Side of Cancer Immunity: The Underrated Tune. <i>Cells</i> , 2019, 8, 449.	4.1	117
137	A Probabilistic Model of the Germinal Center Reaction. <i>Frontiers in Immunology</i> , 2019, 10, 689.	4.8	23
138	B Cell Responses: Cell Interaction Dynamics and Decisions. <i>Cell</i> , 2019, 177, 524-540.	28.9	540
139	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
140	GC B cells $\hat{=}$ AKT $\hat{=}$ to blunt BCR signaling. <i>Nature Immunology</i> , 2019, 20, 671-674.	14.5	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.	6.4	17
142	Distinct Requirements of CHD4 during B Cell Development and Antibody Response. <i>Cell Reports</i> , 2019, 27, 1472-1486.e5.	6.4	11
143	Non-classical B Cell Memory of Allergic IgE Responses. <i>Frontiers in Immunology</i> , 2019, 10, 715.	4.8	64
144	Cutting Edge: ATM Influences Germinal Center Integrity. <i>Journal of Immunology</i> , 2019, 202, 3137-3142.	0.8	6
145	Differential human antibody repertoires following Zika infection and the implications for serodiagnostics and disease outcome. <i>Nature Communications</i> , 2019, 10, 1943.	12.8	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.	5.6	22

#	ARTICLE	IF	CITATIONS
147	Impact of B cell/lymphoid stromal cell crosstalk in B-cell physiology and malignancy. Immunology Letters, 2019, 215, 12-18.	2.5	14
148	Programming Isotype-Specific Plasma Cell Function. Trends in Immunology, 2019, 40, 345-357.	6.8	31
149	Dysregulation of T Follicular Helper Cells in Lupus. Journal of Immunology, 2019, 202, 1649-1658.	0.8	34
150	CHK1 dosage in germinal center B cells controls humoral immunity. Cell Death and Differentiation, 2019, 26, 2551-2567.	11.2	14
151	High TNFRSF14 and low BTLA are associated with poor prognosis in Follicular Lymphoma and in Diffuse Large B-cell Lymphoma transformation. Journal of Clinical and Experimental Hematopathology: JCEH, 2019, 59, 1-16.	0.8	36
152	Tfh cell response in influenza vaccines in humans: what is visible and what is invisible. Current Opinion in Immunology, 2019, 59, 9-14.	5.5	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. International Immunology, 2019, 31, 81-90.	4.0	12
154	Germinal center B cell initiation, GC maturation, and the coevolution of its stromal cell niches. Immunological Reviews, 2019, 288, 10-27.	6.0	22
155	Epigenetic regulation of B cell fate and function during an immune response. Immunological Reviews, 2019, 288, 75-84.	6.0	28
156	Extrafollicular responses in humans and <scp>SLE</scp>. Immunological Reviews, 2019, 288, 136-148.	6.0	179
157	Linking signaling and selection in the germinal center. Immunological Reviews, 2019, 288, 49-63.	6.0	102
158	Proteasome Dependent Actin Remodeling Facilitates Antigen Extraction at the Immune Synapse of B Cells. Frontiers in Immunology, 2019, 10, 225.	4.8	35
159	Germinal centerâ€derived lymphomas: The darkest side of humoral immunity. Immunological Reviews, 2019, 288, 214-239.	6.0	113
160	B cell primary immune responses. Immunological Reviews, 2019, 288, 5-9.	6.0	12
161	Vaccination against atherosclerosis. Current Opinion in Immunology, 2019, 59, 15-24.	5.5	31
162	Human B Cells Engage the NCK/PI3K/RAC1 Axis to Internalize Large Particles via the IgM-BCR. Frontiers in Immunology, 2019, 10, 415.	4.8	5
163	Congenital Defects in Actin Dynamics of Germinal Center B Cells. Frontiers in Immunology, 2019, 10, 296.	4.8	14
164	Pivotal role for Î± _V integrins in sustained Tfh support of the germinal center response for long-lived plasma cell generation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4462-4470.	7.1	14

#	ARTICLE	IF	CITATIONS
165	Long non-coding RNAs discriminate the stages and gene regulatory states of human humoral immune response. <i>Nature Communications</i> , 2019, 10, 821.	12.8	73
166	A Novel MVA-Based HIV Vaccine Candidate (MVA-gp145-GPN) Co-Expressing Clade C Membrane-Bound Trimeric gp145 Env and Gag-Induced Virus-Like Particles (VLPs) Triggered Broad and Multifunctional HIV-1-Specific T Cell and Antibody Responses. <i>Viruses</i> , 2019, 11, 160.	3.3	12
167	The regulators of BCR signaling during B cell activation. <i>Blood Science</i> , 2019, 1, 119-129.	0.9	21
168	Follicular Dendritic Cells Modulate Germinal Center B Cell Diversity through FcγRIIB. <i>Cell Reports</i> , 2019, 29, 2745-2755.e4.	6.4	33
169	Pathogenic CARD11 mutations affect B cell development and differentiation through a noncanonical pathway. <i>Science Immunology</i> , 2019, 4, .	11.9	14
170	Interleukin (IL)-21 in Inflammation and Immunity During Parasitic Diseases. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 401.	3.9	27
171	Heterologous Combination of VSV-GP and NYVAC Vectors Expressing HIV-1 Trimeric gp145 Env as Vaccination Strategy to Induce Balanced B and T Cell Immune Responses. <i>Frontiers in Immunology</i> , 2019, 10, 2941.	4.8	9
172	Germinal centers B-cell reaction and T follicular helper cells in response to HIV-1 infection. <i>Current Opinion in HIV and AIDS</i> , 2019, 14, 246-252.	3.8	4
173	The Envelope-Based Fusion Antigen GP120C14K Forming Hexamer-Like Structures Triggers T Cell and Neutralizing Antibody Responses Against HIV-1. <i>Frontiers in Immunology</i> , 2019, 10, 2793.	4.8	2
174	Calculating germinal centre reactions. <i>Current Opinion in Systems Biology</i> , 2019, 18, 1-8.	2.6	10
175	Novel regulatory Th17 cells and regulatory B cells in modulating autoimmune diseases. <i>Cellular Immunology</i> , 2019, 339, 29-32.	3.0	6
176	Effector and regulatory B cells in immune-mediated kidney disease. <i>Nature Reviews Nephrology</i> , 2019, 15, 11-26.	9.6	85
177	CD40 signaling “germinal center b cells go at their own pace. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 419-421.	1.5	1
178	From zero to sixty and back to zero again: the metabolic life of B cells. <i>Current Opinion in Immunology</i> , 2019, 57, 1-7.	5.5	31
179	Histone demethylase LSD1 is required for germinal center formation and BCL6-driven lymphomagenesis. <i>Nature Immunology</i> , 2019, 20, 86-96.	14.5	71
180	B cells turn on, tune in with LSD1. <i>Nature Immunology</i> , 2019, 20, 3-5.	14.5	7
181	G3BP1 enhances cytoplasmic DNA pattern recognition. <i>Nature Immunology</i> , 2019, 20, 5-7.	14.5	7
182	OMIP “ 28 “ color flow cytometry panel to characterize B cells and myeloid cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 150-155.	1.5	36

#	ARTICLE	IF	CITATIONS
183	New insights into the development of B cell responses: Implications for solid organ transplantation. Human Immunology, 2019, 80, 378-384.	2.4	14
184	Innate and Adaptive Systems of Immunity. , 2020, , 45-61.		0
185	B cell function impacts the efficacy of IFN- γ therapy in EAE. Journal of Neuroimmunology, 2020, 338, 577106.	2.3	5
186	Nucleoside-modified mRNA vaccination partially overcomes maternal antibody inhibition of de novo immune responses in mice. Science Translational Medicine, 2020, 12, .	12.4	27
187	The life and death of the germinal center. Annals of Diagnostic Pathology, 2020, 44, 151421.	1.3	27
188	The role of actin and myosin in antigen extraction by B lymphocytes. Seminars in Cell and Developmental Biology, 2020, 102, 90-104.	5.0	11
189	Vaccine Adjuvants Differentially Affect Kinetics of Antibody and Germinal Center Responses. Frontiers in Immunology, 2020, 11, 579761.	4.8	36
190	Activated Human Memory B Lymphocytes Use CR4 (CD11c/CD18) for Adhesion, Migration, and Proliferation. Frontiers in Immunology, 2020, 11, 565458.	4.8	14
191	Sleep Disturbance during Infection Compromises Tfh Differentiation and Impacts Host Immunity. IScience, 2020, 23, 101599.	4.1	3
192	A Hyper-IgM Syndrome Mutation in Activation-Induced Cytidine Deaminase Disrupts G-Quadruplex Binding and Genome-wide Chromatin Localization. Immunity, 2020, 53, 952-970.e11.	14.3	21
193	Novel strategies to target the humoral alloimmune response. Hla, 2020, 96, 667-680.	0.6	6
194	Integrative Analysis of Cell Crosstalk within Follicular Lymphoma Cell Niche: Towards a Definition of the FL Supportive Synapse. Cancers, 2020, 12, 2865.	3.7	14
195	Deletion of Murine Gammaherpesvirus Gene <i>M2</i> in Activation-Induced Cytidine Deaminase-Expressing B Cells Impairs Host Colonization and Viral Reactivation. Journal of Virology, 2020, 95, .	3.4	8
196	An Agonistic Anti-CD137 Antibody Disrupts Lymphoid Follicle Structure and T-Cell-Dependent Antibody Responses. Cell Reports Medicine, 2020, 1, 100035.	6.5	3
197	PHF14 is required for germinal center B cell development. Cellular Immunology, 2020, 358, 104221.	3.0	3
198	Learning the heterogeneous hypermutation landscape of immunoglobulins from high-throughput repertoire data. Nucleic Acids Research, 2020, 48, 10702-10712.	14.5	20
199	Longitudinal dynamics of the human B cell response to the yellow fever 17D vaccine. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6675-6685.	7.1	80
200	The Quantitative Assessment of the Secreted IgG Repertoire after Recall to Evaluate the Quality of Immunizations. Journal of Immunology, 2020, 205, 1176-1184.	0.8	12

#	ARTICLE	IF	CITATIONS
201	Two sides of the coin: Cytoskeletal regulation of immune synapses in cancer and primary immune deficiencies. <i>International Review of Cell and Molecular Biology</i> , 2020, 356, 1-97.	3.2	4
202	Fate Mapping Quantifies the Dynamics of B Cell Development and Activation throughout Life. <i>Cell Reports</i> , 2020, 33, 108376.	6.4	13
203	Cyclin D3 Governs Clonal Expansion of Dark Zone Germinal Center B Cells. <i>Cell Reports</i> , 2020, 33, 108403.	6.4	22
204	SARS-CoV-2 mRNA Vaccines Foster Potent Antigen-Specific Germinal Center Responses Associated with Neutralizing Antibody Generation. <i>Immunity</i> , 2020, 53, 1281-1295.e5.	14.3	285
205	Unique Immune Cell Coactivators Specify Locus Control Region Function and Cell Stage. <i>Molecular Cell</i> , 2020, 80, 845-861.e10.	9.7	21
206	Germinal Center and Extrafollicular B Cell Responses in Vaccination, Immunity, and Autoimmunity. <i>Immunity</i> , 2020, 53, 1136-1150.	14.3	232
207	Expanded circulating follicular dendritic cells facilitate immune responses in chronic HBV infection. <i>Journal of Translational Medicine</i> , 2020, 18, 417.	4.4	4
208	Plasma cells, plasmablasts, and AID+/CD30+ B lymphoblasts inside and outside germinal centres: details of the basal light zone and the outer zone in human palatine tonsils. <i>Histochemistry and Cell Biology</i> , 2020, 154, 55-75.	1.7	13
209	Deficiency of Tfh Cells and Germinal Center in Deceased COVID-19 Patients. <i>Current Medical Science</i> , 2020, 40, 618-624.	1.8	51
210	Optimizing immunization protocols to elicit broadly neutralizing antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20077-20087.	7.1	35
211	OMIP-068: High-Dimensional Characterization of Global and Antigen-Specific B Cells in Chronic Infection. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 1037-1043.	1.5	12
212	Antibody-secreting cell destiny emerges during the initial stages of B-cell activation. <i>Nature Communications</i> , 2020, 11, 3989.	12.8	41
213	A 21st Century Evil: Immunopathology and New Therapies of COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 562264.	4.8	8
214	Restriction of memory B cell differentiation at the germinal center B cell positive selection stage. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	23
215	Multifactorial Design of a Supramolecular Peptide Anti-IL-17 Vaccine Toward the Treatment of Psoriasis. <i>Frontiers in Immunology</i> , 2020, 11, 1855.	4.8	19
216	Targeting NF- κ B pathway for the therapy of diseases: mechanism and clinical study. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 209.	17.1	669
217	Immune responses during COVID-19 infection. <i>Oncot Immunology</i> , 2020, 9, 1807836.	4.6	103
218	Leveraging the Modularity of Biomaterial Carriers to Tune Immune Responses. <i>Advanced Functional Materials</i> , 2020, 30, 2004119.	14.9	13

#	ARTICLE	IF	CITATIONS
219	Dangerous Liaisons: Gammaherpesvirus Subversion of the Immunoglobulin Repertoire. <i>Viruses</i> , 2020, 12, 788.	3.3	5
220	Flow Cytometric Methods for the Detection of Intracellular Signaling Proteins and Transcription Factors Reveal Heterogeneity in Differentiating Human B Cell Subsets. <i>Cells</i> , 2020, 9, 2633.	4.1	15
221	Checkpoints controlling the induction of B cell mediated autoimmunity in human autoimmune diseases. <i>European Journal of Immunology</i> , 2020, 50, 1885-1894.	2.9	9
222	Quick COVID-19 Healers Sustain Anti-SARS-CoV-2 Antibody Production. <i>Cell</i> , 2020, 183, 1496-1507.e16.	28.9	182
223	Single-cell analysis of germinal-center B cells informs on lymphoma cell of origin and outcome. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	117
224	Directing traffic in the germinal center roundabout. <i>Nature Immunology</i> , 2020, 21, 599-601.	14.5	2
225	Single cell and tissue-transcriptomic analysis of murine bladders reveals age- and TNF α -dependent but microbiota-independent tertiary lymphoid tissue formation. <i>Mucosal Immunology</i> , 2020, 13, 908-918.	6.0	33
226	Developmental stages of tertiary lymphoid tissue reflect local injury and inflammation in mouse and human kidneys. <i>Kidney International</i> , 2020, 98, 448-463.	5.2	50
227	Immunogenicity of Protein Therapeutics: A Lymph Node Perspective. <i>Frontiers in Immunology</i> , 2020, 11, 791.	4.8	11
228	Organoid Polymer Functionality and Mode of <i>Klebsiella pneumoniae</i> Membrane Antigen Presentation Regulates Ex Vivo Germinal Center Epigenetics in Young and Aged B Cells. <i>Advanced Functional Materials</i> , 2020, 30, 2001232.	14.9	19
229	Mutant EZH2 Induces a Pre-malignant Lymphoma Niche by Reprogramming the Immune Response. <i>Cancer Cell</i> , 2020, 37, 655-673.e11.	16.8	93
230	Dietary Fat Makes Germinal Center B Cells Happy. <i>Cell Metabolism</i> , 2020, 31, 890-891.	16.2	2
231	Maintenance of Germinal Center B Cells by Caspase-9 through Promotion of Apoptosis and Inhibition of Necroptosis. <i>Journal of Immunology</i> , 2020, 205, 113-120.	0.8	7
232	Control of foreign Ag-specific Ab responses by Treg and Tfr. <i>Immunological Reviews</i> , 2020, 296, 104-119.	6.0	40
233	Influenza vaccination strategies targeting the hemagglutinin stem region. <i>Immunological Reviews</i> , 2020, 296, 132-141.	6.0	15
234	B Cell Lymphomagenesis. , 0, , .		1
235	T cell help to B cells: Cognate and atypical interactions in peripheral and intestinal lymphoid tissues. <i>Immunological Reviews</i> , 2020, 296, 36-47.	6.0	21
236	Epigenetic mechanisms in the regulation of lymphocyte differentiation. , 2020, , 77-116.		3

#	ARTICLE	IF	CITATIONS
237	Harnessing Activin A Adjuvanticity to Promote Antibody Responses to BG505 HIV Envelope Trimers. <i>Frontiers in Immunology</i> , 2020, 11, 1213.	4.8	4
238	B Cells Improve Overall Survival in HPV-Associated Squamous Cell Carcinomas and Are Activated by Radiation and PD-1 Blockade. <i>Clinical Cancer Research</i> , 2020, 26, 3345-3359.	7.0	117
239	Thymic B Cells Promote Germinal Center-Like Structures and the Expansion of Follicular Helper T Cells in Lupus-Prone Mice. <i>Frontiers in Immunology</i> , 2020, 11, 696.	4.8	12
240	Regulation of the germinal center response by nuclear receptors and implications for autoimmune diseases. <i>FEBS Journal</i> , 2020, 287, 2866-2890.	4.7	5
241	Speculations on the evolution of humoral adaptive immunity. <i>Immunology and Cell Biology</i> , 2020, 98, 439-448.	2.3	8
242	Origins of peanut allergy-causing antibodies. <i>Science</i> , 2020, 367, 1072-1073.	12.6	4
243	Computational Model Reveals a Stochastic Mechanism behind Germinal Center Clonal Bursts. <i>Cells</i> , 2020, 9, 1448.	4.1	16
244	Toward a New Molecular Taxonomy of Diffuse Large B-cell Lymphoma. <i>Cancer Discovery</i> , 2020, 10, 1267-1281.	9.4	40
245	Controlling timing and location in vaccines. <i>Advanced Drug Delivery Reviews</i> , 2020, 158, 91-115.	13.7	141
246	Profiling avidity of antibodies elicited by vaccination using enzyme-linked immunosorbent assay-based elution – Insights into a novel experimental and analytical approach. <i>Vaccine</i> , 2020, 38, 5389-5392.	3.8	7
247	Key pathways in primary immune deficiencies. , 2020, , 99-114.		0
248	Resident Memory B Cells. <i>Viral Immunology</i> , 2020, 33, 282-293.	1.3	41
249	The Amount of BCL6 in B Cells Shortly after Antigen Engagement Determines Their Representation in Subsequent Germinal Centers. <i>Cell Reports</i> , 2020, 30, 1530-1541.e4.	6.4	32
250	Regulation of IgE by T follicular helper cells. <i>Journal of Leukocyte Biology</i> , 2020, 107, 409-418.	3.3	27
251	Myo1e modulates the recruitment of activated B cells to inguinal lymph nodes. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	16
252	Selective Inhibition of HDAC3 Targets Synthetic Vulnerabilities and Activates Immune Surveillance in Lymphoma. <i>Cancer Discovery</i> , 2020, 10, 440-459.	9.4	103
253	Type I interferon shapes the quantity and quality of the anti-Zika virus antibody response. <i>Clinical and Translational Immunology</i> , 2020, 9, e1126.	3.8	8
254	Breadth of Antibody Responses during Influenza Virus Infection and Vaccination. <i>Trends in Immunology</i> , 2020, 41, 394-405.	6.8	17

#	ARTICLE	IF	CITATIONS
255	Rationally Designed Covalent BCL6 Inhibitor That Targets a Tyrosine Residue in the Homodimer Interface. ACS Medicinal Chemistry Letters, 2020, 11, 1269-1273.	2.8	22
256	Next-Generation Influenza Vaccines. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a038448.	6.2	23
257	Novel specialized cell state and spatial compartments within the germinal center. Nature Immunology, 2020, 21, 660-670.	14.5	60
258	Timing the initiation of multiple myeloma. Nature Communications, 2020, 11, 1917.	12.8	99
259	High salt diet accelerates the progression of murine lupus through dendritic cells via the p38 MAPK and STAT1 signaling pathways. Signal Transduction and Targeted Therapy, 2020, 5, 34.	17.1	27
260	Epigenetic Mechanisms in Leukemias and Lymphomas. Cold Spring Harbor Perspectives in Medicine, 2020, 10, a034959.	6.2	14
261	The lymph node at a glance – how spatial organization optimizes the immune response. Journal of Cell Science, 2020, 133, .	2.0	63
262	Long-Tailed Unconventional Class I Myosins in Health and Disease. International Journal of Molecular Sciences, 2020, 21, 2555.	4.1	14
263	Mouse Models in the Study of Mature B-Cell Malignancies. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a034827.	6.2	3
264	Eliciting B cell immunity against infectious diseases using nanovaccines. Nature Nanotechnology, 2021, 16, 16-24.	31.5	109
265	The Role of Epigenetic Mechanisms in B Cell Lymphoma Pathogenesis. Annual Review of Cancer Biology, 2021, 5, 311-330.	4.5	3
266	Histone H1 loss drives lymphoma by disrupting 3D chromatin architecture. Nature, 2021, 589, 299-305.	27.8	155
267	B cell depletion therapies in autoimmune disease: advances and mechanistic insights. Nature Reviews Drug Discovery, 2021, 20, 179-199.	46.4	296
268	Mus musculus papillomavirus 1 is a key driver of skin cancer development upon immunosuppression. American Journal of Transplantation, 2021, 21, 525-539.	4.7	11
269	Regulatory B cells and T cell Regulation in Cancer. Journal of Molecular Biology, 2021, 433, 166685.	4.2	43
270	Immunity to Influenza Infection in Humans. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a038729.	6.2	8
271	Regulation of antibody responses against self and foreign antigens by Tfr cells: implications for vaccine development. Oxford Open Immunology, 2021, 2, .	2.8	1
272	MicroRNA-155: Regulation of Immune Cells in Sepsis. Mediators of Inflammation, 2021, 2021, 1-10.	3.0	29

#	ARTICLE	IF	CITATIONS
273	Highly Mutated Antibodies Capable of Neutralizing N276-Glycan Deficient HIV after a Single Immunization with an Env Trimer. SSRN Electronic Journal, 0, , .	0.4	0
274	Single Cell Clonal Analysis Identifies an AID-Dependent Pathway of Plasma Cell Differentiation. SSRN Electronic Journal, 0, , .	0.4	0
275	Permissive selection followed by affinity-based proliferation of GC light zone B cells dictates cell fate and ensures clonal breadth. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	40
278	Lymph Node Pathology. , 2021, , 153-169.		0
279	STAT6 signaling pathway controls germinal center responses promoted after antigen targeting to conventional type 2 dendritic cells. Current Research in Immunology, 2021, 2, 120-131.	2.8	5
280	Germinal center reactions in tertiary lymphoid structures associate with neoantigen burden, humoral immunity and long-term survivorship in pancreatic cancer. Oncoimmunology, 2021, 10, 1900635.	4.6	73
281	Regulation of Decay Accelerating Factor Primes Human Germinal Center B Cells for Phagocytosis. Frontiers in Immunology, 2020, 11, 599647.	4.8	8
282	What Will B Will B: Identifying Molecular Determinants of Diverse B-Cell Fate Decisions Through Systems Biology. Frontiers in Cell and Developmental Biology, 2020, 8, 616592.	3.7	9
283	Therapeutic antibody discovery. , 2021, , 417-436.		2
284	Humoral Immune Responses and Hepatitis B Infection. Digestive Diseases, 2021, 39, 516-525.	1.9	3
285	Immune Responses Induced by mRNA Vaccination in Mice, Monkeys and Humans. Vaccines, 2021, 9, 61.	4.4	105
286	Systematic memory B cell archiving and random display shape the human splenic marginal zone throughout life. Journal of Experimental Medicine, 2021, 218, .	8.5	27
287	Noncoding RNAs in B cell responses. RNA Biology, 2021, 18, 633-639.	3.1	3
288	Lymphoid follicle antigen (Ag) delivery and enhanced rodent humoral immune responses mediated by Ag-containing PEGylated liposomes. Vaccine, 2021, 39, 1131-1139.	3.8	4
289	Single-cell analysis of human B cell maturation predicts how antibody class switching shapes selection dynamics. Science Immunology, 2021, 6, .	11.9	149
290	Directed attenuation to enhance vaccine immunity. PLoS Computational Biology, 2021, 17, e1008602.	3.2	2
291	The Lymph Node Reservoir: Physiology, HIV Infection, and Antiretroviral Therapy. Clinical Pharmacology and Therapeutics, 2021, 109, 918-927.	4.7	19
292	SARS-CoV-2 mRNA Vaccines: Immunological Mechanism and Beyond. Vaccines, 2021, 9, 147.	4.4	175

#	ARTICLE	IF	CITATIONS
293	B cell memory: understanding COVID-19. <i>Immunity</i> , 2021, 54, 205-210.	14.3	102
294	Abdominal Aortic Aneurysm: Roles of Inflammatory Cells. <i>Frontiers in Immunology</i> , 2020, 11, 609161.	4.8	79
295	Noncoding RNA processing by DIS3 regulates chromosomal architecture and somatic hypermutation in B cells. <i>Nature Genetics</i> , 2021, 53, 230-242.	21.4	56
296	Persistence of Human Bocavirus 1 in Tonsillar Germinal Centers and Antibody-Dependent Enhancement of Infection. <i>MBio</i> , 2021, 12, .	4.1	16
298	Zika Virus Pathogenesis: A Battle for Immune Evasion. <i>Vaccines</i> , 2021, 9, 294.	4.4	12
299	A booster dose enhances immunogenicity of the COVID-19 vaccine candidate ChAdOx1 nCoV-19 in aged mice. <i>Med</i> , 2021, 2, 243-262.e8.	4.4	62
302	Squalene-Based Influenza Vaccine Adjuvants and Their Impact on the Hemagglutinin-Specific B Cell Response. <i>Pathogens</i> , 2021, 10, 355.	2.8	25
303	Slaying SARS-CoV-2 One (Single-domain) Antibody at a Time. <i>Trends in Microbiology</i> , 2021, 29, 195-203.	7.7	21
304	Maturation and persistence of the anti-SARS-CoV-2 memory B cell response. <i>Cell</i> , 2021, 184, 1201-1213.e14.	28.9	260
305	Positive Selection in the Light Zone of Germinal Centers. <i>Frontiers in Immunology</i> , 2021, 12, 661678.	4.8	15
306	Compartments and Connections Within the Germinal Center. <i>Frontiers in Immunology</i> , 2021, 12, 659151.	4.8	8
307	Regulation of B Lymphocyte Development by Histone H2A Deubiquitinase BAP1. <i>Frontiers in Immunology</i> , 2021, 12, 626418.	4.8	8
310	Regnase-1 is essential for B cell homeostasis to prevent immunopathology. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	13
311	Emerging concepts in the science of vaccine adjuvants. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 454-475.	46.4	601
313	Analysis of Somatic Hypermutation in the JH4 intron of Germinal Center B cells from Mouse Peyer's Patches. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0
314	B cell engagement with HIV-1 founder virus envelope predicts development of broadly neutralizing antibodies. <i>Cell Host and Microbe</i> , 2021, 29, 564-578.e9.	11.0	18
315	Progress toward B-Cell Lymphoma 6 BTB Domain Inhibitors for the Treatment of Diffuse Large B-Cell Lymphoma and Beyond. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4333-4358.	6.4	16
317	microRNA Fine-Tuning of the Germinal Center Response. <i>Frontiers in Immunology</i> , 2021, 12, 660450.	4.8	6

#	ARTICLE	IF	CITATIONS
318	Atlas of breast cancer infiltrated B-lymphocytes revealed by paired single-cell RNA-sequencing and antigen receptor profiling. <i>Nature Communications</i> , 2021, 12, 2186.	12.8	86
320	LUBAC Suppresses IL-21-Induced Apoptosis in CD40-Activated Murine B Cells and Promotes Germinal Center B Cell Survival and the T-Dependent Antibody Response. <i>Frontiers in Immunology</i> , 2021, 12, 658048.	4.8	5
321	A Posttranscriptional Pathway of CD40 Ligand mRNA Stability Is Required for the Development of an Optimal Humoral Immune Response. <i>Journal of Immunology</i> , 2021, 206, 2552-2565.	0.8	2
322	Mechanisms underlying vaccination protocols that may optimally elicit broadly neutralizing antibodies against highly mutable pathogens. <i>Physical Review E</i> , 2021, 103, 052408.	2.1	15
323	CD27hiCD38hi plasmablasts are activated B cells of mixed origin with distinct function. <i>IScience</i> , 2021, 24, 102482.	4.1	12
324	Survival probability and size of lineages in antibody affinity maturation. <i>Physical Review E</i> , 2021, 103, 052413.	2.1	0
325	Coupled analysis of transcriptome and BCR mutations reveals role of OXPHOS in affinity maturation. <i>Nature Immunology</i> , 2021, 22, 904-913.	14.5	62
326	Over-Generalizing About GC (Hypoxia): Pitfalls of Limiting Breadth of Experimental Systems and Analyses in Framing Informatics Conclusions. <i>Frontiers in Immunology</i> , 2021, 12, 664249.	4.8	8
327	The roles of STAT6 in regulating B cell fate, activation, and function. <i>Immunology Letters</i> , 2021, 233, 87-91.	2.5	14
328	Rapid isolation and immune profiling of SARS-CoV-2 specific memory B cell in convalescent COVID-19 patients via LIBRA-seq. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 195.	17.1	45
329	B Cell Activation and Escape of Tolerance Checkpoints: Recent Insights from Studying Autoreactive B Cells. <i>Cells</i> , 2021, 10, 1190.	4.1	22
330	Deciphering the Complexity of 3D Chromatin Organization Driving Lymphopoiesis and Lymphoid Malignancies. <i>Frontiers in Immunology</i> , 2021, 12, 669881.	4.8	11
331	Context-dependent roles of B cells during intestinal helminth infection. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009340.	3.0	8
332	T Follicular Regulatory Cells: Choreographers of Productive Germinal Center Responses. <i>Frontiers in Immunology</i> , 2021, 12, 679909.	4.8	18
333	Applications of Machine and Deep Learning in Adaptive Immunity. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2021, 12, 39-62.	6.8	22
335	The immune cell landscape of peripheral blood mononuclear cells from PNS patients. <i>Scientific Reports</i> , 2021, 11, 13083.	3.3	12
338	WASP Is Crucial for the Unique Architecture of the Immunological Synapse in Germinal Center B-Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 646077.	3.7	3
339	Bidirectional feedback between BCR signaling and actin cytoskeletal dynamics. <i>FEBS Journal</i> , 2022, 289, 4430-4446.	4.7	8

#	ARTICLE	IF	CITATIONS
340	B cell signatures and tertiary lymphoid structures contribute to outcome in head and neck squamous cell carcinoma. <i>Nature Communications</i> , 2021, 12, 3349.	12.8	142
342	Single-cell BCR and transcriptome analysis after influenza infection reveals spatiotemporal dynamics of antigen-specific B cells. <i>Cell Reports</i> , 2021, 35, 109286.	6.4	67
343	Soluble FAS Ligand Enhances Suboptimal CD40L/IL-21-Mediated Human Memory B Cell Differentiation into Antibody-Secreting Cells. <i>Journal of Immunology</i> , 2021, 207, 449-458.	0.8	8
344	Antibody-independent functions of B cells during viral infections. <i>PLoS Pathogens</i> , 2021, 17, e1009708.	4.7	37
345	The magnitude of germinal center reactions is restricted by a fixed number of preexisting niches. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	13
346	Targeting B-cell receptor and PI3K signaling in diffuse large B-cell lymphoma. <i>Blood</i> , 2021, 138, 1110-1119.	1.4	30
347	Unexpected suppression of tumorigenesis by c-MYC via TFAP4-dependent restriction of stemness in B lymphocytes. <i>Blood</i> , 2021, 138, 2526-2538.	1.4	5
348	CYB561A3 is the key lysosomal iron reductase required for Burkitt B-cell growth and survival. <i>Blood</i> , 2021, 138, 2216-2230.	1.4	20
349	Polymersomes Decorated with the SARS-CoV-2 Spike Protein Receptor-Binding Domain Elicit Robust Humoral and Cellular Immunity. <i>ACS Central Science</i> , 2021, 7, 1368-1380.	11.3	21
350	Activation and Kinetics of Circulating T Follicular Helper Cells, Specific Plasmablast Response, and Development of Neutralizing Antibodies following Yellow Fever Virus Vaccination. <i>Journal of Immunology</i> , 2021, 207, 1033-1043.	0.8	15
351	Inhibition of Rag GTPase signaling in mice suppresses B cell responses and lymphomagenesis with minimal detrimental trade-offs. <i>Cell Reports</i> , 2021, 36, 109372.	6.4	6
352	Expression of Foxp3 by T follicular helper cells in end-stage germinal centers. <i>Science</i> , 2021, 373, .	12.6	63
353	In Silico Analysis of the Longevity and Timeline of Individual Germinal Center Reactions in a Primary Immune Response. <i>Cells</i> , 2021, 10, 1736.	4.1	2
354	BCR Affinity Influences T-B Interactions and B Cell Development in Secondary Lymphoid Organs. <i>Frontiers in Immunology</i> , 2021, 12, 703918.	4.8	7
355	Know your enemy or find your friend? Induction of IgA at mucosal surfaces. <i>Immunological Reviews</i> , 2021, 303, 83-102.	6.0	25
356	Negative feedback by NUR77/Nr4a1 restrains B cell clonal dominance during early T-dependent immune responses. <i>Cell Reports</i> , 2021, 36, 109645.	6.4	13
357	Hemozoin-mediated inflammasome activation limits long-lived anti-malarial immunity. <i>Cell Reports</i> , 2021, 36, 109586.	6.4	12
358	Coevolutionary transitions emerging from flexible molecular recognition and eco-evolutionary feedback. <i>IScience</i> , 2021, 24, 102861.	4.1	6

#	ARTICLE	IF	CITATIONS
359	Integration of T helper and BCR signals governs enhanced plasma cell differentiation of memory B cells by regulation of CD45 phosphatase activity. <i>Cell Reports</i> , 2021, 36, 109525.	6.4	7
361	The unique biology of germinal center B cells. <i>Immunity</i> , 2021, 54, 1652-1664.	14.3	84
362	Mouse Models of Germinal Center Derived B-Cell Lymphomas. <i>Frontiers in Immunology</i> , 2021, 12, 710711.	4.8	6
363	Mutations in the transcription factor FOXO1 mimic positive selection signals to promote germinal center B cell expansion and lymphomagenesis. <i>Immunity</i> , 2021, 54, 1807-1824.e14.	14.3	12
364	Ectopic lymphoid follicles in progressive multiple sclerosis: From patients to animal models. <i>Immunology</i> , 2021, 164, 450-466.	4.4	18
365	CD8 follicular T cells localize throughout the follicle during germinal center reactions and maintain cytolytic and helper properties. <i>Journal of Autoimmunity</i> , 2021, 123, 102690.	6.5	4
366	The PD-1/PD-L1 Checkpoint in Normal Germinal Centers and Diffuse Large B-Cell Lymphomas. <i>Cancers</i> , 2021, 13, 4683.	3.7	9
367	High-affinity memory B cells induced by SARS-CoV-2 infection produce more plasmablasts and atypical memory B cells than those primed by mRNA vaccines. <i>Cell Reports</i> , 2021, 37, 109823.	6.4	73
368	OCT2 pre-positioning facilitates cell fate transition and chromatin architecture changes in humoral immunity. <i>Nature Immunology</i> , 2021, 22, 1327-1340.	14.5	11
370	Long-Range Control of Class Switch Recombination by Transcriptional Regulatory Elements. <i>Frontiers in Immunology</i> , 2021, 12, 738216.	4.8	6
371	Cohesin Core Complex Gene Dosage Contributes to Germinal Center Derived Lymphoma Phenotypes and Outcomes. <i>Frontiers in Immunology</i> , 2021, 12, 688493.	4.8	5
372	Ymir: A 3D structural affinity model for multi-epitope vaccine simulations. <i>IScience</i> , 2021, 24, 102979.	4.1	17
374	Cells of the human intestinal tract mapped across space and time. <i>Nature</i> , 2021, 597, 250-255.	27.8	266
375	Type I Interferon Promotes Humoral Immunity in Viral Vector Vaccination. <i>Journal of Virology</i> , 2021, 95, e0092521.	3.4	9
376	New aspects in the regulation of human B cell functions by complement receptors CR1, CR2, CR3 and CR4. <i>Immunology Letters</i> , 2021, 237, 42-57.	2.5	23
377	Designing spatial and temporal control of vaccine responses. <i>Nature Reviews Materials</i> , 2022, 7, 174-195.	48.7	130
378	Limited access to antigen drives generation of early B cell memory while restraining the plasmablast response. <i>Immunity</i> , 2021, 54, 2005-2023.e10.	14.3	46
381	Polyethylene Glycol Immunogenicity: Theoretical, Clinical, and Practical Aspects of Anti-Polyethylene Glycol Antibodies. <i>ACS Nano</i> , 2021, 15, 14022-14048.	14.6	189

#	ARTICLE	IF	CITATIONS
382	Dissecting bulk transcriptomes of diffuse large B cell lymphoma. <i>Cancer Cell</i> , 2021, 39, 1305-1307.	16.8	2
384	Understanding memory B cell selection. <i>Journal of Theoretical Biology</i> , 2021, 531, 110905.	1.7	1
385	Characterising the Phenotypic Diversity of Antigen-Specific Memory B Cells Before and After Vaccination. <i>Frontiers in Immunology</i> , 2021, 12, 738123.	4.8	9
386	Binding affinity landscapes constrain the evolution of broadly neutralizing anti-influenza antibodies. <i>ELife</i> , 2021, 10, .	6.0	28
387	An IRF4â€“MYCâ€“mTORC1 Integrated Pathway Controls Cell Growth and the Proliferative Capacity of Activated B Cells during B Cell Differentiation In Vivo. <i>Journal of Immunology</i> , 2021, 207, 1798-1811.	0.8	16
388	Structure-based study of immune receptors as eligible binding targets of coronavirus SARS-CoV-2 spike protein. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 108, 107997.	2.4	3
389	Smc3 dosage regulates B cell transit through germinal centers and restricts their malignant transformation. <i>Nature Immunology</i> , 2021, 22, 240-253.	14.5	24
390	Negative Feedback by NUR77/ <i>Nr4a1</i> Restrains B Cell Clonal Dominance During Early T-Dependent Immune Responses. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
391	The transcription factors GFI1 and GFI1B as modulators of the innate and acquired immune response. <i>Advances in Immunology</i> , 2021, 149, 35-94.	2.2	9
393	Germinal Center Reaction. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1254, 47-53.	1.6	22
394	Humoral autoimmunity after solid organ transplantation: Germinal ideas may not be natural. <i>Cellular Immunology</i> , 2020, 354, 104131.	3.0	7
395	Compromised counterselection by FAS creates an aggressive subtype of germinal center lymphoma. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	14
396	Modulating the quantity of HIV Env-specific CD4 T cell help promotes rare B cell responses in germinal centers. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	35
397	Cyclin D3 drives inertial cell cycling in dark zone germinal center B cells. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	29
409	Influenza Vaccines Delivered in Early Childhood Could Turn Antigenic Sin into Antigenic Blessings. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a038471.	6.2	22
410	Critical role of IL-21 and T follicular helper cells in hypertension and vascular dysfunction. <i>JCI Insight</i> , 2019, 4, .	5.0	20
411	Association of persistent wild-type measles virus RNA with long-term humoral immunity in rhesus macaques. <i>JCI Insight</i> , 2020, 5, .	5.0	22
412	Self-assembling influenza nanoparticle vaccines drive extended germinal center activity and memory B cell maturation. <i>JCI Insight</i> , 2020, 5, .	5.0	64

#	ARTICLE	IF	CITATIONS
413	cGAS-mediated control of blood-stage malaria promotes Plasmodium-specific germinal center responses. JCI Insight, 2018, 3, .	5.0	30
414	Serine-threonine kinase ROCK2 regulates germinal center B cell positioning and cholesterol biosynthesis. Journal of Clinical Investigation, 2020, 130, 3654-3670.	8.2	26
415	Longitudinally Tracked, Rapid and Robust Antigen-Specific Germinal Center Responses in Non-Human Primates after a Single Nanoparticle Vaccine Immunization. SSRN Electronic Journal, 0, , .	0.4	1
416	The AKT isoforms 1 and 2 drive B cell fate decisions during the germinal center response. Life Science Alliance, 2019, 2, e201900506.	2.8	17
417	Contribution of DOCK11 to the Expansion of Antigen-Specific Populations among Germinal Center B Cells. ImmunoHorizons, 2020, 4, 520-529.	1.8	5
418	GSK3 Restrains Germinal Center B Cells to Form Plasma Cells. Journal of Immunology, 2021, 206, 481-493.	0.8	7
419	PTPN22 and islet-specific autoimmunity: What have the mouse models taught us?. World Journal of Diabetes, 2017, 8, 330.	3.5	10
420	Quantitative modeling of the effect of antigen dosage on B-cell affinity distributions in maturing germinal centers. ELife, 2020, 9, .	6.0	23
421	SARS-CoV-2 Vaccine Induced Atypical Immune Responses in Antibody Defects: Everybody Does their Best. Journal of Clinical Immunology, 2021, 41, 1709-1722.	3.8	68
423	Distinct B cell subsets in Peyer's patches convey probiotic effects by Limosilactobacillus reuteri. Microbiome, 2021, 9, 198.	11.1	22
424	A germinal center-associated microenvironmental signature reflects malignant phenotype and outcome of DLBCL. Blood Advances, 2022, 6, 2388-2402.	5.2	8
426	The Importance of Cellular Immune Response to HIV: Implications for Antibody Production and Vaccine Design. DNA and Cell Biology, 2021, , .	1.9	3
427	Reduced Follicular Regulatory T Cells in Spleen and Pancreatic Lymph Nodes of Patients With Type 1 Diabetes. Diabetes, 2021, 70, 2892-2902.	0.6	12
428	Single-cell resolution of plasma cell fate programming in health and disease. European Journal of Immunology, 2022, 52, 10-23.	2.9	8
429	Compartmentalized multicellular crosstalk in lymph nodes coordinates the generation of potent cellular and humoral immune responses. European Journal of Immunology, 2021, , .	2.9	5
430	Mechanism of a COVID-19 nanoparticle vaccine candidate that elicits a broadly neutralizing antibody response to SARS-CoV-2 variants. Science Advances, 2021, 7, eabj3107.	10.3	23
433	BAFF Receptor Deficiency. Rare Diseases of the Immune System, 2019, , 131-147.	0.1	0
434	Type I Interferon Shapes the Quantity and Quality of the Anti-Zika Virus Antibody Response. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
435	Orphan Nuclear Receptor NR2F6 Suppresses T Follicular Helper Cell Accumulation Through Direct Regulation of IL-21. SSRN Electronic Journal, 0, , .	0.4	0
443	B Cell Response Induced by SARS-CoV-2 Infection Is Boosted by the BNT162b2 Vaccine in Primary Antibody Deficiencies. Cells, 2021, 10, 2915.	4.1	35
447	Exogenous Small Ruminant Betaretrovirus Envelope Protein Is Detected in Draining Lymph Nodes in Contagious Respiratory Tumors of Sheep and Goats. Veterinary Pathology, 2021, 58, 361-368.	1.7	0
449	Analysis of B Cell Migration by Intravital Microscopy. Bio-protocol, 2020, 10, e3842.	0.4	1
450	Double Negative (DN) B cells: A connecting bridge between rheumatic diseases and COVID-19?. Mediterranean Journal of Rheumatology, 2021, 32, 192.	0.8	11
452	Isolation and Characterization of Both Human and Mouse Tfh/Tfr Cells. Current Protocols, 2021, 1, e283.	2.9	0
453	Reprogramming of the heavy-chain CDR3 regions of a human antibody repertoire. Molecular Therapy, 2022, 30, 184-197.	8.2	8
456	The Role of Glycosylation in Inflammatory Diseases. Advances in Experimental Medicine and Biology, 2021, 1325, 265-283.	1.6	5
457	Glycosylation of Antigen-Specific Antibodies: Perspectives on Immunoglobulin G Glycosylation in Vaccination and Immunotherapy. Experientia Supplementum (2012), 2021, 112, 565-587.	0.9	1
458	Mechanisms underpinning poor antibody responses to vaccines in ageing. Immunology Letters, 2022, 241, 1-14.	2.5	28
459	In Vivo Imaging of Tfh Cells. Methods in Molecular Biology, 2022, 2380, 15-27.	0.9	0
460	Imaging the different timescales of germinal center selection*. Immunological Reviews, 2022, 306, 234-243.	6.0	6
461	Temporal dynamics of persistent germinal centers and memory B cell differentiation following respiratory virus infection. Cell Reports, 2021, 37, 109961.	6.4	28
462	Neoantigen-driven B cell and CD4 ⁺ follicular helper cell collaboration promotes anti-tumor CD8 T _H cell responses. Cell, 2021, 184, 6101-6118.e13.	28.9	192
463	The RNA-binding protein HuR is required for maintenance of the germinal centre response. Nature Communications, 2021, 12, 6556.	12.8	10
464	Overview of Neutralizing Antibodies and Their Potential in COVID-19. Vaccines, 2021, 9, 1376.	4.4	37
465	Heterogeneity in antiviral B cell responses: Lessons from the movies*. Immunological Reviews, 2021, , .	6.0	0
466	Complete Visualization of T Follicular Helper Cells in Germinal Centers by Light Sheet Fluorescence Microscopy. Methods in Molecular Biology, 2022, 2380, 3-13.	0.9	0

#	ARTICLE	IF	CITATIONS
467	Strategies for induction of HIV-1 envelope-reactive broadly neutralizing antibodies. <i>Journal of the International AIDS Society</i> , 2021, 24, e25831.	3.0	19
468	Sustained Delivery of SARS-CoV-2 RBD Subunit Vaccine Using a High Affinity Injectable Hydrogel Scaffold. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101714.	7.6	17
469	Imaging viral infection in vivo to gain unique perspectives on cellular antiviral immunity*. <i>Immunological Reviews</i> , 2022, 306, 200-217.	6.0	0
470	T cell activation niches—Optimizing T cell effector function in inflamed and infected tissues*. <i>Immunological Reviews</i> , 2022, 306, 164-180.	6.0	6
471	Committed Human CD23-Negative Light-Zone Germinal Center B Cells Delineate Transcriptional Program Supporting Plasma Cell Differentiation. <i>Frontiers in Immunology</i> , 2021, 12, 744573.	4.8	7
473	Altered Germinal-Center Metabolism in B Cells in Autoimmunity. <i>Metabolites</i> , 2022, 12, 40.	2.9	5
474	B cells, the bursa of Fabricius, and the generation of antibody repertoires. , 2022, , 71-99.		5
476	Tuning DO:DM Ratios Modulates MHC Class II Immuno-peptidomes. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100204.	3.8	6
477	Generation of High Quality Memory B Cells. <i>Frontiers in Immunology</i> , 2021, 12, 825813.	4.8	20
478	ICOS Expression Is Required for Maintenance but Not the Formation of Germinal Centers in the Spleen in Response to <i>Plasmodium yoelii</i> Infection. <i>Infection and Immunity</i> , 2022, 90, IA10046821.	2.2	3
479	A minimalist supramolecular nanovaccine forcefully propels the Tfh cell and GC B cell responses. <i>Chemical Engineering Journal</i> , 2022, 435, 134782.	12.7	5
480	Epigenetic, Metabolic, and Immune Crosstalk in Germinal-Center-Derived B-Cell Lymphomas: Unveiling New Vulnerabilities for Rational Combination Therapies. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 805195.	3.7	7
481	Germinal Centers. <i>Annual Review of Immunology</i> , 2022, 40, 413-442.	21.8	255
482	Germinal center responses to SARS-CoV-2 mRNA vaccines in healthy and immunocompromised individuals. <i>Cell</i> , 2022, 185, 1008-1024.e15.	28.9	101
483	SGK1 mutation status can further stratify patients with germinal center B-cell-like diffuse large B-cell lymphoma into different prognostic subgroups. <i>Cancer Medicine</i> , 2022, , .	2.8	3
485	COVID-19 vaccination in patients receiving allergen immunotherapy (AIT) or biologicals—EAACI recommendations. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2313-2336.	5.7	12
486	Induction of tier-2 neutralizing antibodies in mice with a DNA-encoded HIV envelope native like trimer. <i>Nature Communications</i> , 2022, 13, 695.	12.8	2
487	RAILS: A Robust Adversarial Immune-Inspired Learning System. <i>IEEE Access</i> , 2022, 10, 22061-22078.	4.2	2

#	ARTICLE	IF	CITATIONS
488	B-cell receptor dependent phagocytosis and presentation of particulate antigen by chronic lymphocytic leukemia cells. Exploration of Targeted Anti-tumor Therapy, 2022, 3, 37-49.	0.8	2
489	NR4A nuclear receptors in T and B lymphocytes: Gatekeepers of immune tolerance*. Immunological Reviews, 2022, 307, 116-133.	6.0	7
490	Immune Epigenetic Crosstalk Between Malignant B Cells and the Tumor Microenvironment in B Cell Lymphoma. Frontiers in Genetics, 2022, 13, 826594.	2.3	6
491	CD84 is a Suppressor of T and B Cell Activation during Mycobacterium tuberculosis Pathogenesis. Microbiology Spectrum, 2022, 10, e0155721.	3.0	3
492	Atypical Autosomal Recessive AID Deficiencyâ€”Yet Another Piece of the Hyper-IgM Puzzle. Journal of Clinical Immunology, 2022, , 1.	3.8	0
493	NF-kB pathway is involved in microscopic colitis pathogenesis. Journal of International Medical Research, 2022, 50, 030006052210801.	1.0	2
494	Coordinated changes in glycosylation regulate the germinal center through CD22. Cell Reports, 2022, 38, 110512.	6.4	10
495	Highly mutated antibodies capable of neutralizing N276 glycan-deficient HIV after a single immunization with an Env trimer. Cell Reports, 2022, 38, 110485.	6.4	4
496	Competition for refueling rather than cyclic reentry initiation evident in germinal centers. Science Immunology, 2022, 7, eabm0775.	11.9	23
497	Human lymph node immune dynamics as driver of vaccine efficacy: an understudied aspect of immune responses. Expert Review of Vaccines, 2022, 21, 633-644.	4.4	2
498	The Role of Ten-Eleven Translocation Proteins in Inflammation. Frontiers in Immunology, 2022, 13, 861351.	4.8	9
499	Continued Virus-Specific Antibody-Secreting Cell Production, Avidity Maturation and B Cell Evolution in Patients Hospitalized with COVID-19. Viral Immunology, 2022, 35, 259-272.	1.3	4
500	Insights From Early Clinical Trials Assessing Response to mRNA SARS-CoV-2 Vaccination in Immunocompromised Patients. Frontiers in Immunology, 2022, 13, 827242.	4.8	5
501	Myc-Interacting Zinc Finger Protein 1 (Miz-1) Is Essential to Maintain Homeostasis and Immunocompetence of the B Cell Lineage. Biology, 2022, 11, 504.	2.8	3
502	Leveraging Antibody, B Cell and Fc Receptor Interactions to Understand Heterogeneous Immune Responses in Tuberculosis. Frontiers in Immunology, 2022, 13, 830482.	4.8	14
503	Btla signaling in conventional and regulatory lymphocytes coordinately tempers humoral immunity in the intestinal mucosa. Cell Reports, 2022, 38, 110553.	6.4	9
504	â€œAre you gonna go my way?â€œ”Decisions at the Tfh-B cell interface. Immunity, 2022, 55, 377-379.	14.3	1
505	Mettl14-Mediated m6A Modification Is Essential for Germinal Center B Cell Response. Journal of Immunology, 2022, 208, 1924-1936.	0.8	18

#	ARTICLE	IF	CITATIONS
506	Engineering early memory Bâ€‘cellâ€‘like phenotype in hydrogelâ€‘based immune organoids. Journal of Biomedical Materials Research - Part A, 2022, 110, 1435-1447.	4.0	5
507	Coâ€‘Anchoring of Engineered Immunogen and Immunostimulatory Cytokines to Alum Promotes Enhancedâ€‘Humoral Immunity. Advanced Therapeutics, 2022, 5, .	3.2	3
509	Local Wnt signalling in the asymmetric migrating vertebrate cells. Seminars in Cell and Developmental Biology, 2022, 125, 26-36.	5.0	5
510	The concerted change in the distribution of cell cycle phases and zone composition in germinal centers is regulated by IL-21. Nature Communications, 2021, 12, 7160.	12.8	19
511	Bhlhe40 function in activated B and TFH cells restrains the GC reaction and prevents lymphomagenesis. Journal of Experimental Medicine, 2022, 219, .	8.5	17
512	Integrin CD11b provides a new marker of pre-germinal center IgA+ B cells in murine Peyerâ€™s patches. International Immunology, 2022, 34, 249-262.	4.0	1
514	Immune Repertoire of Sheep Blood B-Cells in the Postvaccination Immune Response. Russian Agricultural Sciences, 2021, 47, S101-S105.	0.2	1
515	NFâ€‘B signaling in inflammation and cancer. MedComm, 2021, 2, 618-653.	7.2	107
516	Tazemetostat: a treatment option for relapsed/refractory follicular lymphoma. Expert Opinion on Pharmacotherapy, 2022, 23, 295-301.	1.8	9
517	B Cell Intrinsic STING Signaling Is Not Required for Autoreactive Germinal Center Participation. Frontiers in Immunology, 2021, 12, 782558.	4.8	3
519	Multiscale affinity maturation simulations to elicit broadly neutralizing antibodies against HIV. PLoS Computational Biology, 2022, 18, e1009391.	3.2	6
521	B-Cell Responses in Hospitalized Severe Acute Respiratory Syndrome Coronavirus 2â€‘Infected Children With and Without Multisystem Inflammatory Syndrome. Journal of Infectious Diseases, 2022, 226, 822-832.	4.0	2
522	SETD2 Haploinsufficiency Enhances Germinal Centerâ€‘Associated AICDA Somatic Hypermutation to Drive B-cell Lymphomagenesis. Cancer Discovery, 2022, 12, 1782-1803.	9.4	14
568	Integrative lymph node-mimicking models created with biomaterials and computational tools to study the immune system. Materials Today Bio, 2022, 14, 100269.	5.5	9
569	Postmitotic G1 phase survivin drives mitogen-independent cell division of B lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2115567119.	7.1	5
570	Development of an Antigen Delivery System for a B Cell-Targeted Vaccine as an Alternative to Dendritic Cell-Targeted Vaccines. Chemical and Pharmaceutical Bulletin, 2022, 70, 341-350.	1.3	2
571	Neutralizing Antibodies Against Factor VIII Can Occur Through a Non-Germinal Center Pathway. Frontiers in Immunology, 2022, 13, .	4.8	2
572	Immune recall improves antibody durability and breadth to SARS-CoV-2 variants. Science Immunology, 2022, 7, eabp8328.	11.9	40

#	ARTICLE	IF	CITATIONS
573	Antibody repertoire sequencing analysis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2022, , .	2.0	2
574	The epigenetic regulation of the germinal center response. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2022, 1865, 194828.	1.9	3
575	Learning the statistics and landscape of somatic mutation-induced insertions and deletions in antibodies. <i>PLoS Computational Biology</i> , 2022, 18, e1010167.	3.2	6
576	A Polymorphism in the Epstein-Barr Virus EBER2 Noncoding RNA Drives <i>In Vivo</i> Expansion of Latently Infected B Cells. <i>MBio</i> , 2022, 13, .	4.1	2
577	B-Cell-Based Immunotherapy: A Promising New Alternative. <i>Vaccines</i> , 2022, 10, 879.	4.4	10
578	Microbiome as an immune regulator in health, disease, and therapeutics. <i>Advanced Drug Delivery Reviews</i> , 2022, 188, 114400.	13.7	11
579	Boosting corrects a memory B cell defect in SARS-CoV-2 mRNA-vaccinated patients with inflammatory bowel disease. <i>JCI Insight</i> , 2022, 7, .	5.0	5
580	Immune Response to SARS-CoV-2 Vaccines. <i>Biomedicines</i> , 2022, 10, 1464.	3.2	24
581	Bach2 regulates B cell survival to maintain germinal centers and promote B cell memory. <i>Biochemical and Biophysical Research Communications</i> , 2022, 618, 86-92.	2.1	4
582	In vivo engineered B cells secrete high titers of broadly neutralizing anti-HIV antibodies in mice. <i>Nature Biotechnology</i> , 2022, 40, 1241-1249.	17.5	29
583	N-Glycosylation and Inflammation; the Not-So-Sweet Relation. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	29
584	Immunogenicity of SARS-CoV-2 Trimeric Spike Protein Associated to Poly(I:C) Plus Alum. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	3
585	Activation-Induced Cytidine Deaminase Impacts the Primary Antibody Repertoire in Naive Mice. <i>Journal of Immunology</i> , 2022, 208, 2632-2642.	0.8	0
587	Classifying Germinal Center Derived Lymphomas: Navigate a Complex Transcriptional Landscape. <i>Cancers</i> , 2022, 14, 3434.	3.7	6
588	IL-21 has a critical role in establishing germinal centers by amplifying early B cell proliferation. <i>EMBO Reports</i> , 2022, 23, .	4.5	16
590	Investigating the Mechanism of Germinal Center Shutdown. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	6
591	B cell memory responses induced by foot-and-mouth disease virus-like particles in BALB/c mice. <i>Veterinary Immunology and Immunopathology</i> , 2022, 250, 110458.	1.2	2
592	Interleukin-21, acting beyond the immunological synapse, independently controls T follicular helper and germinal center B cells. <i>Immunity</i> , 2022, 55, 1414-1430.e5.	14.3	34

#	ARTICLE	IF	CITATIONS
594	B cell intrinsic and extrinsic factors impacting memory recall responses to SRBC challenge. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	2
595	Reactive oxygen species associated immunoregulation post influenza virus infection. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	6
596	Think like a Virus: Toward Improving Nanovaccine Development against SARS-CoV-2. <i>Viruses</i> , 2022, 14, 1553.	3.3	9
597	Protein-Based Adjuvants for Vaccines as Immunomodulators of the Innate and Adaptive Immune Response: Current Knowledge, Challenges, and Future Opportunities. <i>Pharmaceutics</i> , 2022, 14, 1671.	4.5	16
598	CD169 ⁺ subcapsular sinus macrophage-derived microvesicles are associated with light zone follicular dendritic cells. <i>European Journal of Immunology</i> , 2022, 52, 1581-1594.	2.9	2
599	B-cell response in solid organ transplantation. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	1
600	Hypoxia and hypoxia-inducible factor signals regulate the development, metabolism, and function of B cells. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	7
601	B cell intrinsic changes with age do not impact antibody-secreting cell formation but delay B cell participation in the germinal centre reaction. <i>Aging Cell</i> , 2022, 21, .	6.7	10
602	COVID-19 vaccine humoral response in frequent platelet donors with plateletpheresis-associated lymphopenia. <i>Transfusion</i> , 2022, 62, 1779-1790.	1.6	4
603	Inorganic nanosheets facilitate humoral immunity against medical implant infections by modulating immune co-stimulatory pathways. <i>Nature Communications</i> , 2022, 13, .	12.8	32
604	Two complementary features of humoral immune memory confer protection against the same or variant antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	10
605	Jmjd1c demethylates STAT3 to restrain plasma cell differentiation and rheumatoid arthritis. <i>Nature Immunology</i> , 2022, 23, 1342-1354.	14.5	17
607	Single-cell immune repertoire sequencing of B and T cells in murine models of infection and autoimmunity. <i>Genes and Immunity</i> , 2022, 23, 183-195.	4.1	9
608	Flow cytometry for B-cell subset analysis in immunodeficiencies. <i>Journal of Immunological Methods</i> , 2022, 509, 113327.	1.4	3
609	MicroRNAs and the immune system. , 2022, , 279-305.		1
610	RNA methylation in immune cells. <i>Advances in Immunology</i> , 2022, , 39-94.	2.2	4
611	The role of B cells in the development, progression, and treatment of lymphomas and solid tumors. <i>Advances in Immunology</i> , 2022, , 71-117.	2.2	0
612	Lymphoma Microenvironment in DLBCL and PTCL-NOS: the key to uncovering heterogeneity and the potential for stratification. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2022, 62, 127-135.	0.8	8

#	ARTICLE	IF	CITATIONS
613	General and Emerging Concepts of Immunity. , 2022, , .		0
614	Echidna: integrated simulations of single-cell immune receptor repertoires and transcriptomes. Bioinformatics Advances, 2022, 2, .	2.4	1
615	New perspectives on the regulation of germinal center reaction via $\hat{I}\pm\hat{V}^{28}$ - mediated activation of $TGF\hat{I}^2$. Frontiers in Immunology, 0, 13, .	4.8	3
616	Termination of CD40L coâ€stimulation promotes human B cell differentiation into antibodyâ€secreting cells. European Journal of Immunology, 2022, 52, 1662-1675.	2.9	4
617	Antigen- and scaffold-specific antibody responses to protein nanoparticle immunogens. Cell Reports Medicine, 2022, 3, 100780.	6.5	14
618	Long-primed germinal centres with enduring affinity maturation and clonal migration. Nature, 2022, 609, 998-1004.	27.8	62
619	Single-cell analysis of the adaptive immune response to SARS-CoV-2 infection and vaccination. Frontiers in Immunology, 0, 13, .	4.8	4
621	HSV-1 Oâ†NLS vaccine elicits a robust B lymphocyte response and preserves vision without HSV-1 glycoprotein M or thymidine kinase recognition. Scientific Reports, 2022, 12, .	3.3	1
622	Functions of regulators of G protein signaling 16 in immunity, inflammation, and other diseases. Frontiers in Molecular Biosciences, 0, 9, .	3.5	3
623	CXCL13-CXCR5 axis: Regulation in inflammatory diseases and cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 1877, 188799.	7.4	15
624	Epstein-Barr virus perpetuates B cell germinal center dynamics and generation of autoimmune-associated phenotypes in vitro. Frontiers in Immunology, 0, 13, .	4.8	10
625	Rapid and sensitive single-cell RNA sequencing with SHERRY2. BMC Biology, 2022, 20, .	3.8	4
626	The structure-selective endonucleases GEN1 and MUS81 mediate complementary functions in safeguarding the genome of proliferating B lymphocytes. ELife, 0, 11, .	6.0	0
627	Single cell clonal analysis identifies an <scp>AID</scp> â€dependent pathway of plasma cell differentiation. EMBO Reports, 2022, 23, .	4.5	4
628	Anamnestic broadly reactive antibodies induced by H7N9 virus more efficiently bind to seasonal H3N2 strains. Human Vaccines and Immunotherapeutics, 0, , .	3.3	1
630	NF-ÎpB Mutations in Germinal Center B-Cell Lymphomas: Relation to NF-ÎpB Function in Normal B Cells. Biomedicines, 2022, 10, 2450.	3.2	8
631	Ex vivo culture of malignant primary B cells. , 0, 1, .		1
632	Immune Responses to Plant-Derived Recombinant Colorectal Cancer Glycoprotein EpCAM-FcK Fusion Protein in Mice. Biomolecules and Therapeutics, 2022, 30, 546-552.	2.4	11

#	ARTICLE	IF	CITATIONS
633	ÎºBNS expression in B cells is dispensable for IgG responses to T cell-dependent antigens. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	2
634	Long-lived plasma cells accumulate in the bone marrow at a constant rate from early in an immune response. <i>Science Immunology</i> , 2022, 7, .	11.9	22
636	An Oil-in-Water adjuvant significantly increased influenza A/H7N9 split virus Vaccine-Induced circulating follicular helper T (cTFH) cells and antibody responses. <i>Vaccine</i> , 2022, , .	3.8	0
637	Metabolic requirements of Th17 cells and of B cells: Regulation and defects in health and in inflammatory diseases. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	5
638	Moving the needle: Employing deep reinforcement learning to push the boundaries of coarse-grained vaccine models. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	3
639	mRNA vaccines for COVID-19. , 2023, , 611-624.		0
642	HIV-1 infected humanized DRAGA mice develop HIV-specific antibodies despite lack of canonical germinal centers in secondary lymphoid tissues. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	2
643	Antibody Mediated Intercommunication of Germinal Centers. <i>Cells</i> , 2022, 11, 3680.	4.1	2
646	Single cell multi-omic reference atlases of non-human primate immune tissues reveals CD102 as a biomarker for long-lived plasma cells. <i>Communications Biology</i> , 2022, 5, .	4.4	4
648	Mucosal exposure to non-tuberculous mycobacteria elicits B cell-mediated immunity against pulmonary tuberculosis. <i>Cell Reports</i> , 2022, 41, 111783.	6.4	5
650	Role of casein kinase 1 in the amoeboid migration of B-cell leukemic and lymphoma cells: A quantitative live imaging in the confined environment. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	0
651	Clonal replacement sustains long-lived germinal centers primed by respiratory viruses. <i>Cell</i> , 2023, 186, 131-146.e13.	28.9	19
653	Huwei1 supports B-cell development, B-cell-dependent immunity, somatic hypermutation and class switch recombination by regulating proliferation. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	0
654	ArtinM Cytotoxicity in B Cells Derived from Non-Hodgkinâ€™s Lymphoma Depends on Syk and Src Family Kinases. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1075.	4.1	2
655	CK2Î²-regulated signaling controls B cell differentiation and function. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	1
656	Influenza vaccination-induced H3 stalk-reactive memory B-cell clone expansion. <i>Vaccine</i> , 2023, , .	3.8	0
657	SREBP signaling is essential for effective B cell responses. <i>Nature Immunology</i> , 2023, 24, 337-348.	14.5	12
658	Insights into the tumor microenvironment of B cell lymphoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, .	8.6	8

#	ARTICLE	IF	CITATIONS
659	Adverse effects of low serum lipoprotein cholesterol on the immune microenvironment in gastric cancer: a case-control study. <i>Lipids in Health and Disease</i> , 2022, 21, .	3.0	1
661	BTG1 mutation yields supercompetitive B cells primed for malignant transformation. <i>Science</i> , 2023, 379, .	12.6	9
663	The Immunology of DLBCL. <i>Cancers</i> , 2023, 15, 835.	3.7	10
664	A TLR7-nanoparticle adjuvant promotes a broad immune response against heterologous strains of influenza and SARS-CoV-2. <i>Nature Materials</i> , 0, .	27.5	9
665	B cell-intrinsic requirement for WNK1 kinase in antibody responses in mice. <i>Journal of Experimental Medicine</i> , 2023, 220, .	8.5	2
666	First Impressions Matter: Immune Imprinting and Antibody Cross-Reactivity in Influenza and SARS-CoV-2. <i>Pathogens</i> , 2023, 12, 169.	2.8	10
667	Antibody-drug conjugates for cancer therapy: An up-to-date review on the chemistry and pharmacology. <i>Comprehensive Analytical Chemistry</i> , 2023, .	1.3	0
668	Inspecting the interaction between human immunodeficiency virus and the immune system through genetic turnover. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2023, 378, .	4.0	3
669	Single-component multilayered self-assembling protein nanoparticles presenting glycan-trimmed uncleaved prefusion optimized envelope trimers as HIV-1 vaccine candidates. <i>Nature Communications</i> , 2023, 14, .	12.8	14
670	Antibodies against endogenous retroviruses promote lung cancer immunotherapy. <i>Nature</i> , 2023, 616, 563-573.	27.8	59
671	Metabolic dialogs between B cells and the tumor microenvironment: Implications for anticancer immunity. <i>Cancer Letters</i> , 2023, 556, 216076.	7.2	1
673	IL-21R signal reprogramming cooperates with CD40 and BCR signals to select and differentiate germinal center B cells. <i>Science Immunology</i> , 2023, 8, .	11.9	20
674	Common framework mutations impact antibody interfacial dynamics and flexibility. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	1
675	Salmonella infection induces the reorganization of follicular dendritic cell networks concomitant with the failure to generate germinal centers. <i>IScience</i> , 2023, 26, 106310.	4.1	1
676	Mechanisms that promote the evolution of cross-reactive antibodies upon vaccination with designed influenza immunogens. <i>Cell Reports</i> , 2023, 42, 112160.	6.4	1
677	KMT2D acetylation by CREBBP reveals a cooperative functional interaction at enhancers in normal and malignant germinal center B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.1	5
678	Amount of antigen, T follicular helper cells and affinity of founder cells shape the diversity of germinal center B cells: A computational study. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	4
679	Single-cell analysis of human nasal mucosal IgE antibody secreting cells reveals a newly minted phenotype. <i>Mucosal Immunology</i> , 2023, 16, 287-301.	6.0	4

#	ARTICLE	IF	CITATIONS
680	Understanding repertoire sequencing data through a multiscale computational model of the germinal center. Npj Systems Biology and Applications, 2023, 9, .	3.0	3
681	Isolated Light Chainâ€restricted Germinal Centers are Common in Follicular Hyperplasia by Ultrasensitive In Situ Hybridization. American Journal of Surgical Pathology, 0, Publish Ahead of Print, .	3.7	1
682	The transcription factor Mef2d regulates B:T synapseâ€dependent GC-T _{FH} differentiation and IL-21â€mediated humoral immunity. Science Immunology, 2023, 8, .	11.9	6
684	Tracking B Cell Memory to SARS-CoV-2 Using Rare Cell Analysis System. Vaccines, 2023, 11, 735.	4.4	0
685	The RNA-binding protein hnRNP F is required for the germinal center B cell response. Nature Communications, 2023, 14, .	12.8	3
688	Genotypeâ€phenotype landscapes for immuneâ€pathogen coevolution. Trends in Immunology, 2023, 44, 384-396.	6.8	3
689	B-Cell Development and Differentiation. , 2023, , 107-119.		0
690	Cowpox to COVID: History of vaccination in the immunocompromised host. Transplant Infectious Disease, 2023, 25, .	1.7	1
691	Profiling Germinal Center-like B Cell Responses to Conjugate Vaccines Using Synthetic Immune Organoids. ACS Central Science, 2023, 9, 787-804.	11.3	4
692	Investigation of the frequencies of various B cell populations in non-responder healthcare workers in comparison with responders to hepatitis B virus vaccination. Transactions of the Royal Society of Tropical Medicine and Hygiene, 0, , .	1.8	0
693	Regulation of early diagnosis and prognostic markers of lung adenocarcinoma in immunity and hypoxia. Scientific Reports, 2023, 13, .	3.3	1
694	Alterations in germinal center formation and B cell activation during severe Orientia tsutsugamushi infection in mice. PLoS Neglected Tropical Diseases, 2023, 17, e0011090.	3.0	0
695	A Mn Al double adjuvant nanovaccine to induce strong humoral and cellular immune responses. Journal of Controlled Release, 2023, 358, 190-203.	9.9	4
696	â€Persistent germinal center responses: slow-growing trees bear the best fruitsâ€™. Current Opinion in Immunology, 2023, 83, 102332.	5.5	7
697	Immunometabolic reprogramming, another cancer hallmark. Frontiers in Immunology, 0, 14, .	4.8	6
698	Role of B Cells in Mycobacterium Tuberculosis Infection. Vaccines, 2023, 11, 955.	4.4	0
699	Siglec cis-ligands and their roles in the immune system. Glycobiology, 0, , .	2.5	1
700	STAT3 signaling in B cells controls germinal center zone organization and recycling. Cell Reports, 2023, 42, 112512.	6.4	5

#	ARTICLE	IF	CITATIONS
701	Immunology of the Fetus and Newborn. , 2024, , 409-438.e8.		0
703	Targeting plasma cells in systemic autoimmune rheumatic diseases â€“ Promises and pitfalls. Immunology Letters, 2023, 260, 44-57.	2.5	1
704	PD-1/PD-L1 blockade restores tumor-induced COVID-19 vaccine bluntness. Vaccine, 2023, , .	3.8	0
705	Organized B cell sites in cartilaginous fishes reveal the evolutionary foundation of germinal centers. Cell Reports, 2023, 42, 112664.	6.4	11
706	Cell targeting and immunostimulatory properties of a novel FcÎ³-receptor-independent agonistic anti-CD40 antibody in rhesus macaques. Cellular and Molecular Life Sciences, 2023, 80, .	5.4	0
707	Cross-talk between Myeloid and B Cells Shapes the Distinct Microenvironments of Primary and Secondary Liver Cancer. Cancer Research, 2023, 83, 3544-3561.	0.9	3
708	Immunobiology of a rationally-designed AAV2 capsid following intravitreal delivery in mice. Gene Therapy, 0, , .	4.5	0
709	Exposure of progressive immune dysfunction by SARS-CoV-2 mRNA vaccination in patients with chronic lymphocytic leukemia: A prospective cohort study. PLoS Medicine, 2023, 20, e1004157.	8.4	2
710	Cellular mechanisms and clinical applications for phenocopies of inborn errors of immunity: infectious susceptibility due to cytokine autoantibodies. Expert Review of Clinical Immunology, 2023, 19, 771-784.	3.0	1
711	Vaccine effectiveness of the mRNA-1273 3-dose primary series against COVID-19 in an immunocompromised population: A prospective observational cohort study. Vaccine, 2023, 41, 3636-3646.	3.8	3
712	New tools for immunologists: models of lymph node function from cells to tissues. Frontiers in Immunology, 0, 14, .	4.8	6
714	B cell activation via immunometabolism in systemic lupus erythematosus. Frontiers in Immunology, 0, 14, .	4.8	2
715	Spatial dysregulation of T follicular helper cells impairs vaccine responses in aging. Nature Immunology, 2023, 24, 1124-1137.	14.5	16
716	Protein cohabitation: long-term immunoglobulin G storage at room temperature. Journal of Materials Chemistry B, 2023, 11, 5400-5405.	5.8	0
717	SARS-CoV-2 bivalent mRNA vaccine with broad protection against variants of concern. Frontiers in Immunology, 0, 14, .	4.8	1
719	ARMADiLLO: a web server for analyzing antibody mutation probabilities. Nucleic Acids Research, 2023, 51, W51-W56.	14.5	1
720	Age-dependent changes in T follicular helper cells shape the humoral immune response to vaccination. Seminars in Immunology, 2023, 69, 101801.	5.6	2
721	The Mechanism of bnAb Production and Its Application in Mutable Virus Broad-Spectrum Vaccines: Inspiration from HIV-1 Broad Neutralization Research. Vaccines, 2023, 11, 1143.	4.4	0

#	ARTICLE	IF	CITATIONS
722	Distinct metabolic requirements regulate B cell activation and germinal center responses. <i>Nature Immunology</i> , 2023, 24, 1358-1369.	14.5	7
723	A Multivalent Personalized Vaccine Orchestrating Two-Signal Activation Rebuilds the Bridge Between Innate and Adaptive Antitumor Immunity. <i>Small Methods</i> , 2023, 7, .	8.6	1
725	Memory B cells. <i>Nature Reviews Immunology</i> , 2024, 24, 5-17.	22.7	13
726	Multivalent Scaffolds to Promote B cell Tolerance. <i>Molecular Pharmaceutics</i> , 2023, 20, 3741-3756.	4.6	1
727	TACI and endogenous APRIL in B cell maturation. <i>Clinical Immunology</i> , 2023, 253, 109689.	3.2	2
728	Outline of Salivary Gland Pathogenesis of Sjögren's Syndrome and Current Therapeutic Approaches. <i>International Journal of Molecular Sciences</i> , 2023, 24, 11179.	4.1	3
729	Enhanced Systemic Humoral Immune Response Induced in Mice by Generalized Modules for Membrane Antigens (GMMA) Is Associated with Affinity Maturation and Isotype Switching. <i>Vaccines</i> , 2023, 11, 1219.	4.4	2
730	Three-dimensional human germinal centers of different sizes in patients diagnosed with lymphadenitis show comparative constant relative volumes of B cells, T cells, follicular dendritic cells, and macrophages. <i>Acta Histochemica</i> , 2023, 125, 152075.	1.8	0
732	NF-κB's contribution to B cell fate decisions. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	6
733	Primary Immunodeficiency Diseases. , 2023, , 133-156.		0
734	B Cells. , 2023, , 87-120.		0
735	Vaccine Immunology. , 2023, , 17-36.e7.		0
736	T follicular helper cells in food allergy. , 2023, , .		0
737	The pathobiology of follicular lymphoma. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2023, , .	0.8	1
738	The truncated IFITM3 facilitates the humoral immune response in inactivated influenza vaccine-vaccinated mice via interaction with CD81. <i>Emerging Microbes and Infections</i> , 2023, 12, .	6.5	1
739	Abnormally high expression of D1-like dopamine receptors on lupus CD4 ⁺ T cells promotes Tfh cell differentiation. <i>Lupus Science and Medicine</i> , 2023, 10, e000943.	2.7	0
741	The role of TIA1 and TIAL1 in germinal center B cell function and survival. , 2023, 20, 1090-1092.		0
742	Engaging an HIV vaccine target through the acquisition of low B cell affinity. <i>Nature Communications</i> , 2023, 14, .	12.8	1

#	ARTICLE	IF	CITATIONS
743	Convergent evolution and B-cell recirculation in germinal centers in a human lymph node. <i>Life Science Alliance</i> , 2023, 6, e202301959.	2.8	2
745	Lentinan-functionalized graphene oxide hydrogel as a sustained antigen delivery system for vaccines. <i>International Journal of Biological Macromolecules</i> , 2023, , 126629.	7.5	1
746	Modeling the kinetics of lymph node retention and exposure of a cargo protein delivered by biotin-functionalized nanoparticles. <i>Acta Biomaterialia</i> , 2023, 170, 453-463.	8.3	1
747	Activation-induced deaminase expression defines mature B cell lymphoma in the mouse. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	0
748	IgY Antibodies from Birds: A Review on Affinity and Avidity. <i>Animals</i> , 2023, 13, 3130.	2.3	0
749	Prolonging the delivery of influenza virus vaccine improves the quantity and quality of the induced immune responses in mice. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	1
750	FCRL1 immunoregulation in B cell development and malignancy. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	0
751	Baseline immune states (BIS) associated with vaccine responsiveness and factors that shape the BIS. <i>Seminars in Immunology</i> , 2023, 70, 101842.	5.6	1
752	B Cells from Aged Mice Do Not Have Intrinsic Defects in Affinity Maturation in Response to Immunization. <i>Journal of Immunology</i> , 0, , .	0.8	0
753	TRIM55 promotes noncanonical NF- κ B signaling and B cell-mediated immune responses by coordinating p100 ubiquitination and processing. <i>Science Signaling</i> , 2023, 16, .	3.6	0
755	Low switched memory B cells are associated with no humoral response after SARS-CoV-2 vaccine boosters in kidney transplant recipients. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	0
756	Emerging Insights into Atypical B Cells in Pediatric Chronic Infectious Diseases and Immune System Disorders. T(o)Bet on control of B cell Immune activation. <i>Journal of Allergy and Clinical Immunology</i> , 2023, , .	2.9	0
757	The Effect of Splenic Irradiation on Mean Fluorescence Intensity Values of HLA Antibody in Presensitized Patients Waiting for Kidney Transplantation. <i>Transplantation Proceedings</i> , 2023, , .	0.6	0
758	Human circulating CD24 ^{hi} marginal zone B cells produce IgM targeting atherogenic antigens and confer protection from vascular disease. , 2023, 2, 1003-1014.		0
759	Potency and durability of T and B cell immune responses after homologous and heterologous vector delivery of a trimer-stabilized, membrane-displayed HIV-1 clade ConC Env protein. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	1
760	Biomimetic Metal-Organic Framework Combats Biofilm-Associated Infections via Hyperthermia-Enhanced Bacterial Metabolic Interference and Autophagy-Promoted Adaptive Immunity. <i>Advanced Functional Materials</i> , 2024, 34, .	14.9	1
761	Bladder-draining lymph nodes support germinal center B cell responses during urinary tract infection in mice. <i>Infection and Immunity</i> , 2023, 91, .	2.2	0
762	TRAF6 and TRAF2/3 Binding Motifs in CD40 Differentially Regulate B Cell Function in T-Dependent Antibody Responses and Dendritic Cell Function in Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2023, 211, 1814-1822.	0.8	0

#	ARTICLE	IF	CITATIONS
763	Autoantibody subclass predominance is not driven by aberrant class switching or impaired B cell development. <i>Clinical Immunology</i> , 2023, 257, 109817.	3.2	0
764	Antibody and B-cell Immune Responses Against <i>Bordetella Pertussis</i> Following Infection and Immunization. <i>Journal of Molecular Biology</i> , 2023, 435, 168344.	4.2	0
765	Germinal centers output clonally diverse plasma cell populations expressing high- and low-affinity antibodies. <i>Cell</i> , 2023, 186, 5486-5499.e13.	28.9	2
766	Modeling immunodominance in the B-cell response to viral infection. <i>Mathematics and Mechanics of Complex Systems</i> , 2023, 11, 175-202.	0.9	0
769	Associations of adaptive immune cell subsets with measles, mumps, and Rubella~Specific immune response outcomes. <i>Heliyon</i> , 2023, 9, e22998.	3.2	0
770	Strategies for HIV-1 suppression through key genes and cell therapy. <i>Frontiers in Medicine</i> , 0, 10, .	2.6	0
771	Somatic hypermutation introduces bystander mutations that prepare SARS-CoV-2 antibodies for emerging variants. <i>Immunity</i> , 2023, 56, 2803-2815.e6.	14.3	2
772	Nanovaccines for Advancing Long-Lasting Immunity against Infectious Diseases. <i>ACS Nano</i> , 0, , .	14.6	0
773	Modularized viromimetic polymer nanoparticle vaccines (VPNVaxs) to elicit durable and effective humoral immune responses. <i>National Science Review</i> , 2024, 11, .	9.5	1
775	Bringing immunofocusing into focus. <i>Npj Vaccines</i> , 2024, 9, .	6.0	1
776	Cell atlas of the Atlantic salmon spleen reveals immune cell heterogeneity and cell-specific responses to bacterial infection. <i>Fish and Shellfish Immunology</i> , 2024, 145, 109358.	3.6	1
777	Examining B-cell dynamics and responsiveness in different inflammatory milieus using an agent-based model. <i>PLoS Computational Biology</i> , 2024, 20, e1011776.	3.2	0
778	Heterologous Booster Immunization Based on Inactivated SARS-CoV-2 Vaccine Enhances Humoral Immunity and Promotes BCR Repertoire Development. <i>Vaccines</i> , 2024, 12, 120.	4.4	0
780	Transcriptomic Analysis Reveals Sixteen Potential Genes Associated with the Successful Differentiation of Antibody-Secreting Cells through the Utilization of Unfolded Protein Response Mechanisms in Robust Responders to the Influenza Vaccine. <i>Vaccines</i> , 2024, 12, 136.	4.4	0
782	NGFR regulates stromal cell activation in germinal centers. <i>Cell Reports</i> , 2024, 43, 113705.	6.4	1
783	Molecular Pathogenesis of B-Cell Lymphomas. , 2024, , 309-333.		0
784	Mechanism and Regulation of Immunoglobulin Class Switch Recombination. , 2024, , 213-234.		0
785	Extraction of the CDRH3 sequence of the mouse antibody repertoire selected upon influenza virus infection by subtraction of the background antibody repertoire. <i>Journal of Virology</i> , 2024, 98, .	3.4	0

#	ARTICLE	IF	CITATIONS
786	A potential bivalent mRNA vaccine candidate protects against both RSV and SARS-CoV-2 infections. Molecular Therapy, 2024, 32, 1033-1047.	8.2	0
787	Metabolic dysregulation of lymphocytes in autoimmune diseases. Trends in Endocrinology and Metabolism, 2024, , .	7.1	0
788	Estradiol mediates greater germinal center responses to influenza vaccination in female than male mice. MBio, 2024, 15, .	4.1	0
789	ARID1A orchestrates SWI/SNF-mediated sequential binding of transcription factors with ARID1A loss driving pre-memory B cell fate and lymphomagenesis. Cancer Cell, 2024, 42, 583-604.e11.	16.8	0
790	Interleukin-4 downregulates transcription factor BCL6 to promote memory B cell selection in germinal centers. Immunity, 2024, 57, 843-858.e5.	14.3	0
791	Suppression of host humoral immunity by <i>Borrelia burgdorferi</i> varies over the course of infection. Infection and Immunity, 2024, 92, .	2.2	0