Shane Crotty

List of PR Articles by Year in descending order

193 PR articles	36,948 PR citations	2067 88 PR h-index	1900 187 g-index
210 documents	42803 doc citations	2054 96 h-index	46550 citing authors

#	Article	IF	PR Citations
1	Vaccine priming of rare HIV broadly neutralizing antibody precursors in nonhuman primates. Science, 2024, 384, .	37.0	44
2	Affinity gaps among B cells in germinal centers drive the selection of MPER precursors. Nature Immunology, 2024, 25, 1083-1096.	24.4	23
3	Vaccination induces broadly neutralizing antibody precursors to HIV gp41. Nature Immunology, 2024, 25, 1073-1082.	24.4	36
4	Priming antibody responses to the fusion peptide in rhesus macaques. Npj Vaccines, 2024, 9, .	5.7	5
5	Immunological memory diversity in the human upper airway. Nature, 2024, 632, 630-636.	39.5	65
6	Interleukin-2-secreting T helper cells promote extra-follicular B cell maturation via intrinsic regulation of a B cell mTOR-AKT-Blimp-1 axis. Immunity, 2024, 57, 2772-2789.e8.	23.3	18
7	The transcription factor Mef2d regulates B:T synapseâ€“dependent GC-T _{FH} differentiation and IL-21â€“mediated humoral immunity. Science Immunology, 2023, 8, .	14.4	18
8	The Chromatin Regulator Mll1 Supports T Follicular Helper Cell Differentiation by Controlling Expression of Bcl6, LEF-1, and TCF-1. Journal of Immunology, 2023, 210, 1752-1760.	0.6	6
9	Transcriptional programming of CD4 ⁺ T _{RM} differentiation in viral infection balances effector- and memory-associated gene expression. Science Immunology, 2023, 8, .	14.4	18
10	A combined adjuvant approach primes robust germinal center responses and humoral immunity in non-human primates. Nature Communications, 2023, 14, .	13.9	22
11	Increased Peripheral Blood Neutrophil Activation Phenotypes and Neutrophil Extracellular Trap Formation in Critically Ill Coronavirus Disease 2019 (COVID-19) Patients: A Case Series and Review of the Literature. Clinical Infectious Diseases, 2022, 74, 479-489.	5.4	105
12	From structure to sequence: Antibody discovery using cryoEM. Science Advances, 2022, 8, .	11.2	43
13	SARS-CoV-2 vaccination induces immunological T cell memory able to cross-recognize variants from Alpha to Omicron. Cell, 2022, 185, 847-859.e11.	34.4	837
14	Development of a TÂcell-based immunodiagnostic system to effectively distinguish SARS-CoV-2 infection and COVID-19 vaccination status. Cell Host and Microbe, 2022, 30, 388-399.e3.	15.5	47
15	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	10
16	Observations and Perspectives on Adaptive Immunity to Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). Clinical Infectious Diseases, 2022, 75, S24-S29.	5.4	14
17	Humoral and cellular immune memory to four COVID-19 vaccines. Cell, 2022, 185, 2434-2451.e17.	34.4	536
18	Correlates of protection against <scp>SARS</scp>â€<scp>CoV</scp>â€2 infection and COVIDâ€19 disease. Immunological Reviews, 2022, 310, 6-26.	6.6	296

#	Article	IF	PR Citations
19	Immunological memory to <scp>SARSâ€CoV</scp>â€2 infection and <scp>COVID</scp>â€19 vaccines. Immunological Reviews, 2022, 310, 27-46.	6.6	246
20	Omicron spike function and neutralizing activity elicited by a comprehensive panel of vaccines. Science, 2022, 377, 890-894.	37.0	181
21	NVX-CoV2373 vaccination induces functional SARS-CoV-2â€“specific CD4+ and CD8+ T cell responses. Journal of Clinical Investigation, 2022, 132, .	9.0	51
22	Broadly neutralizing antibodies to SARS-related viruses can be readily induced in rhesus macaques. Science Translational Medicine, 2022, 14, .	13.4	28
23	Long-primed germinal centres with enduring affinity maturation and clonal migration. Nature, 2022, 609, 998-1004.	39.5	163
24	The Transcription Factor YY-1 Is an Essential Regulator of T Follicular Helper Cell Differentiation. Journal of Immunology, 2022, 209, 1566-1573.	0.6	2
25	Bamlanivimab therapy for acute COVID-19 does not blunt SARS-CoV-2â€“specific memory T cell responses. JCI Insight, 2022, 7, .	5.4	12
26	Vaccination induces HIV broadly neutralizing antibody precursors in humans. Science, 2022, 378, .	37.0	227
27	HIV vaccinology: 2021 update. Seminars in Immunology, 2021, 51, 101470.	6.8	54
28	Immunological memory to SARS-CoV-2 assessed for up to 8 months after infection. Science, 2021, 371, .	37.0	2,611
29	Comprehensive analysis of TÂcell immunodominance and immunoprevalence of SARS-CoV-2 epitopes in COVID-19 cases. Cell Reports Medicine, 2021, 2, 100204.	6.8	511
30	Adaptive immunity to SARS-CoV-2 and COVID-19. Cell, 2021, 184, 861-880.	34.4	1,767
31	Bcl6-Mediated Transcriptional Regulation of Follicular Helper T cells (TFH). Trends in Immunology, 2021, 42, 336-349.	10.7	165
32	Differential T-Cell Reactivity to Endemic Coronaviruses and SARS-CoV-2 in Community and Health Care Workers. Journal of Infectious Diseases, 2021, 224, 70-80.	3.9	79
33	Bromodomain protein BRD4 directs and sustains CD8 T cell differentiation during infection. Journal of Experimental Medicine, 2021, 218, .	8.0	32
34	AI-guided discovery of the invariant host response to viral pandemics. EBioMedicine, 2021, 68, 103390.	10.0	46
35	SARS-CoV-2 human TÂcell epitopes: Adaptive immune response against COVID-19. Cell Host and Microbe, 2021, 29, 1076-1092.	15.5	316
36	Impact of SARS-CoV-2 variants on the total CD4+ and CD8+ TÂcell reactivity in infected or vaccinated individuals. Cell Reports Medicine, 2021, 2, 100355.	6.8	587

#	Article	IF	PR Citations
37	Antibody responses induced by SHIV infection are more focused than those induced by soluble native HIV-1 envelope trimers in non-human primates. PLoS Pathogens, 2021, 17, e1009736.	4.5	27
38	Polyclonal antibody responses to HIV Env immunogens resolved using cryoEM. Nature Communications, 2021, 12, .	13.9	71
39	Vaccine genetics of IGHV1-2 VRC01-class broadly neutralizing antibody precursor naÃ¯ve human B cells. Npj Vaccines, 2021, 6, .	5.7	67
40	Low-dose mRNA-1273 COVID-19 vaccine generates durable memory enhanced by cross-reactive T cells. Science, 2021, 374, .	37.0	314
41	Modulating the quantity of HIV Env-specific CD4 T cell help promotes rare B cell responses in germinal centers. Journal of Experimental Medicine, 2021, 218, .	8.0	54
42	Multiplexed CRISPR/CAS9â€mediated engineering of preâ€clinical mouse models bearing native human B cell receptors. EMBO Journal, 2021, 40, .	7.5	47
43	SARS-CoV-2 infection generates tissue-localized immunological memory in humans. Science Immunology, 2021, 6, .	14.4	212
44	A particulate saponin/TLR agonist vaccine adjuvant alters lymph flow and modulates adaptive immunity. Science Immunology, 2021, 6, .	14.4	146
45	Phosphate-mediated coanchoring of RBD immunogens and molecular adjuvants to alum potentiates humoral immunity against SARS-CoV-2. Science Advances, 2021, 7, .	11.2	36
46	Multifaceted Effects of Antigen Valency on B Cell Response Composition and Differentiation InÂVivo. Immunity, 2020, 53, 548-563.e8.	23.3	250
47	Antigen-Specific Adaptive Immunity to SARS-CoV-2 in Acute COVID-19 and Associations with Age and Disease Severity. Cell, 2020, 183, 996-1012.e19.	34.4	1,788
48	Cross-reactive memory T cells and herd immunity to SARS-CoV-2. Nature Reviews Immunology, 2020, 20, 709-713.	53.4	255
49	Systems Biology Methods Applied to Blood and Tissue for a Comprehensive Analysis of Immune Response to Hepatitis B Vaccine in Adults. Frontiers in Immunology, 2020, 11, .	5.1	30
50	Selective and cross-reactive SARS-CoV-2 T cell epitopes in unexposed humans. Science, 2020, 370, 89-94.	37.0	1,181
51	B cells expressing authentic naive human VRC01-class BCRs can be recruited to germinal centers and affinity mature in multiple independent mouse models. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22920-22931.	7.8	67
52	Targeting HIV Env immunogens to B cell follicles in nonhuman primates through immune complex or protein nanoparticle formulations. Npj Vaccines, 2020, 5, .	5.7	60
53	Factors in B cell competition and immunodominance. Immunological Reviews, 2020, 296, 120-131.	6.6	97
54	Bcl-6 is the nexus transcription factor of T follicular helper cells via repressor-of-repressor circuits. Nature Immunology, 2020, 21, 777-789.	24.4	134

#	Article	IF	PR Citations
55	3M-052, a synthetic TLR-7/8 agonist, induces durable HIV-1 envelopeâ€“specific plasma cells and humoral immunity in nonhuman primates. Science Immunology, 2020, 5, .	14.4	134
56	Harnessing Activin A Adjuvanticity to Promote Antibody Responses to BG505 HIV Envelope Trimers. Frontiers in Immunology, 2020, 11, .	5.1	4
57	Engineered immunogen binding to alum adjuvant enhances humoral immunity. Nature Medicine, 2020, 26, 430-440.	40.4	250
58	Normal human lymph node T follicular helper cells and germinal center B cells accessed via fine needle aspirations. Journal of Immunological Methods, 2020, 479, 112746.	1.5	47
59	Targets of T Cell Responses to SARS-CoV-2 Coronavirus in Humans with COVID-19 Disease and Unexposed Individuals. Cell, 2020, 181, 1489-1501.e15.	34.4	3,638
60	A generalized HIV vaccine design strategy for priming of broadly neutralizing antibody responses. Science, 2019, 366, .	37.0	252
61	Slow Delivery Immunization Enhances HIV Neutralizing Antibody and Germinal Center Responses via Modulation of Immunodominance. Cell, 2019, 177, 1153-1171.e28.	34.4	415
62	T Follicular Helper Cell Biology: A Decade of Discovery and Diseases. Immunity, 2019, 50, 1132-1148.	23.3	1,410
63	Recurrent group A Streptococcus tonsillitis is an immunosusceptibility disease involving antibody deficiency and aberrant T _{FH} cells. Science Translational Medicine, 2019, 11, .	13.4	113
64	Vaccine-Induced Protection from Homologous Tier 2 SHIV Challenge in Nonhuman Primates Depends on Serum-Neutralizing Antibody Titers. Immunity, 2019, 50, 241-252.e6.	23.3	179
65	The Transcription Factor Runx3 Establishes Chromatin Accessibility of cis-Regulatory Landscapes that Drive Memory Cytotoxic T Lymphocyte Formation. Immunity, 2018, 48, 659-674.e6.	23.3	175
66	Precursor Frequency and Affinity Determine B Cell Competitive Fitness in Germinal Centers, Tested with Germline-Targeting HIV Vaccine Immunogens. Immunity, 2018, 48, 133-146.e6.	23.3	343
67	BALDR: a computational pipeline for paired heavy and light chain immunoglobulin reconstruction in single-cell RNA-seq data. Genome Medicine, 2018, 10, .	9.8	73
68	Characterization of murine antibody responses to vaccinia virus envelope protein A14 reveals an immunodominant antigen lacking of effective neutralization targets. Virology, 2018, 518, 284-292.	2.3	5
69	Apolipoprotein AI prevents regulatory to follicular helper T cell switching during atherosclerosis. Nature Communications, 2018, 9, .	13.9	169
70	Do Memory CD4 T Cells Keep Their Cell-Type Programming: Plasticity versus Fate Commitment?. Cold Spring Harbor Perspectives in Biology, 2018, 10, a032102.	7.4	56
71	Allergen-specific immunotherapy modulates the balance of circulating Tfh and Tfr cells. Journal of Allergy and Clinical Immunology, 2018, 141, 775-777.e6.	6.2	53
72	Structureâ€“function characterization of three human antibodies targeting the vaccinia virus adhesion molecule D8. Journal of Biological Chemistry, 2018, 293, 390-401.	2.3	33

#	Article	IF	PR Citations
73	Ezh2 programs TFH differentiation by integrating phosphorylation-dependent activation of Bcl6 and polycomb-dependent repression of p19Arf. Nature Communications, 2018, 9, .	13.9	65
74	When designing vaccines, consider the starting material: the human B cell repertoire. Current Opinion in Immunology, 2018, 53, 209-216.	5.3	74
75	The human naive B cell repertoire contains distinct subclasses for a germline-targeting HIV-1 vaccine immunogen. Science Translational Medicine, 2018, 10, .	13.4	140
76	Differential cell-intrinsic regulations of germinal center B and T cells by miR-146a and miR-146b. Nature Communications, 2018, 9, .	13.9	69
77	Innovative approaches to track lymph node germinal center responses to evaluate development of broadly neutralizing antibodies in human HIV vaccine trials. Vaccine, 2018, 36, 5671-5677.	3.2	14
78	Epitopes for neutralizing antibodies induced by HIV-1 envelope glycoprotein BG505 SOSIP trimers in rabbits and macaques. PLoS Pathogens, 2018, 14, e1006913.	4.5	134
79	Th1/Th17 polarization persists following whole-cell pertussis vaccination despite repeated acellular boosters. Journal of Clinical Investigation, 2018, 128, 3853-3865.	9.0	133
80	Tfh cells and <scp>HIV</scp> bnAbs, an immunodominance model of the <scp>HIV</scp> neutralizing antibody generation problem. Immunological Reviews, 2017, 275, 49-61.	6.6	199
81	Development of an animal model of progressive vaccinia in nu/nu mice and the use of bioluminescence imaging for assessment of the efficacy of monoclonal antibodies against vaccinial B5 and L1 proteins. Antiviral Research, 2017, 144, 8-20.	3.9	5
82	Elicitation of Robust Tier 2 Neutralizing Antibody Responses in Nonhuman Primates by HIV Envelope Trimer Immunization Using Optimized Approaches. Immunity, 2017, 46, 1073-1088.e6.	23.3	335
83	Epigenetic landscapes reveal transcription factors that regulate CD8+ T cell differentiation. Nature Immunology, 2017, 18, 573-582.	24.4	244
84	Adjuvanting a Simian Immunodeficiency Virus Vaccine with Toll-Like Receptor Ligands Encapsulated in Nanoparticles Induces Persistent Antibody Responses and Enhanced Protection in TRIM5Î± Restrictive Macaques. Journal of Virology, 2017, 91, .	3.7	80
85	Germinal center enhancement by extended antigen availability. Current Opinion in Immunology, 2017, 47, 64-69.	5.3	119
86	Structure-based design of native-like HIV-1 envelope trimers to silence non-neutralizing epitopes and eliminate CD4 binding. Nature Communications, 2017, 8, .	13.9	170
87	A distinct subpopulation of CD25^{â”}T-follicular regulatory cells localizes in the germinal centers. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, .	7.8	191
88	Definition of Human Epitopes Recognized in Tetanus Toxoid and Development of an Assay Strategy to Detect Ex Vivo Tetanus CD4+ T Cell Responses. PLoS ONE, 2017, 12, e0169086.	2.4	68
89	Comparative analysis of activation induced marker (AIM) assays for sensitive identification of antigen-specific CD4 T cells. PLoS ONE, 2017, 12, e0186998.	2.4	330
90	T cells control the generation of nanomolar-affinity anti-glycan antibodies. Journal of Clinical Investigation, 2017, 127, 1491-1504.	9.0	77

#	Article	IF	PR Citations
91	Activin A programs the differentiation of human TFH cells. Nature Immunology, 2016, 17, 976-984.	24.4	156
92	Th1 versus Th2 T cell polarization by whole-cell and acellular childhood pertussis vaccines persists upon re-immunization in adolescence and adulthood. Cellular Immunology, 2016, 304-305, 35-43.	2.6	98
93	Id2 reinforces TH1 differentiation and inhibits E2A to repress TFH differentiation. Nature Immunology, 2016, 17, 834-843.	24.4	106
94	Linear Epitopes in Vaccinia Virus A27 Are Targets of Protective Antibodies Induced by Vaccination against Smallpox. Journal of Virology, 2016, 90, 4334-4345.	3.7	37
95	A TRAF-like motif of the inducible costimulator ICOS controls development of germinal center TFH cells via the kinase TBK1. Nature Immunology, 2016, 17, 825-833.	24.4	75
96	Sustained antigen availability during germinal center initiation enhances antibody responses to vaccination. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, .	7.8	392
97	Direct Probing of Germinal Center Responses Reveals Immunological Features and Bottlenecks for Neutralizing Antibody Responses to HIV Env Trimer. Cell Reports, 2016, 17, 2195-2209.	6.4	178
98	Response to Comment on â€œA Cytokine-Independent Approach To Identify Antigen-Specific Human Germinal Center T Follicular Helper Cells and Rare Antigen-Specific CD4+ T Cells in Bloodâ€• Journal of Immunology, 2016, 197, 2558-2558.	0.6	17
99	A Cytokine-Independent Approach To Identify Antigen-Specific Human Germinal Center T Follicular Helper Cells and Rare Antigen-Specific CD4+ T Cells in Blood. Journal of Immunology, 2016, 197, 983-993.	0.6	271
100	Cytokine-Independent Detection of Antigen-Specific Germinal Center T Follicular Helper Cells in Immunized Nonhuman Primates Using a Live Cell Activation-Induced Marker Technique. Journal of Immunology, 2016, 197, 994-1002.	0.6	145
101	HIV-1 broadly neutralizing antibody precursor B cells revealed by germline-targeting immunogen. Science, 2016, 351, 1458-1463.	37.0	466
102	CXCL13 is a plasma biomarker of germinal center activity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2702-2707.	7.8	376
103	Cutting Edge: NFAT Transcription Factors Promote the Generation of Follicular Helper T Cells in Response to Acute Viral Infection. Journal of Immunology, 2016, 196, 2015-2019.	0.6	73
104	CRISPR-Mediated Slamf1Î”/Î” Slamf5Î”/Î” Slamf6Î”/Î” Triple Gene Disruption Reveals NKT Cell Defects but Not T Follicular Helper Cell Defects. PLoS ONE, 2016, 11, e0156074.	2.4	14
105	Broadly Neutralizing Antibody Responses in a Large Longitudinal Sub-Saharan HIV Primary Infection Cohort. PLoS Pathogens, 2016, 12, e1005369.	4.5	275
106	Reversible Reprogramming of Circulating Memory T Follicular Helper Cell Function during Chronic HIV Infection. Journal of Immunology, 2015, 195, 5625-5636.	0.6	78
107	Immunogenicity of Stabilized HIV-1 Envelope Trimers with Reduced Exposure of Non-neutralizing Epitopes. Cell, 2015, 163, 1702-1715.	34.4	383
108	The Transcription Factor NFAT Promotes Exhaustion of Activated CD8 + T Cells. Immunity, 2015, 42, 265-278.	23.3	743

#	Article	IF	PR Citations
109	Dengue virus infection elicits highly polarized CX3CR1⁺cytotoxic CD4⁺T cells associated with protective immunity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, .	7.8	321
110	LEF-1 and TCF-1 orchestrate TFH differentiation by regulating differentiation circuits upstream of the transcriptional repressor Bcl6. Nature Immunology, 2015, 16, 980-990.	24.4	317
111	Cutting Edge: T Follicular Helper Cell Differentiation Is Defective in the Absence of Bcl6 BTB Repressor Domain Function. Journal of Immunology, 2015, 194, 5599-5603.	0.6	31
112	In vivo RNAi screens: concepts and applications. Trends in Immunology, 2015, 36, 315-322.	10.7	18
113	BCL6 orchestrates Tfh cell differentiation via multiple distinct mechanisms. Journal of Experimental Medicine, 2015, 212, 539-553.	8.0	253
114	Murine Antibody Responses to Cleaved Soluble HIV-1 Envelope Trimers Are Highly Restricted in Specificity. Journal of Virology, 2015, 89, 10383-10398.	3.7	174
115	Bcl6 middle domain repressor function is required for T follicular helper cell differentiation and utilizes the corepressor MTA3. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13324-13329.	7.8	36
116	Structural and Functional Characterization of Anti-A33 Antibodies Reveal a Potent Cross-Species Orthopoxviruses Neutralizer. PLoS Pathogens, 2015, 11, e1005148.	4.5	62
117	Ribavirin's antiviral mechanism of action: lethal mutagenesis?. Journal of Molecular Medicine, 2014, 80, 86-95.	3.8	148
118	Potent Neutralization of Vaccinia Virus by Divergent Murine Antibodies Targeting a Common Site of Vulnerability in L1 Protein. Journal of Virology, 2014, 88, 11339-11355.	3.7	56
119	Murine Anti-vaccinia Virus D8 Antibodies Target Different Epitopes and Differ in Their Ability to Block D8 Binding to CS-E. PLoS Pathogens, 2014, 10, e1004495.	4.5	23
120	Early Lymphoid Responses and Germinal Center Formation Correlate with Lower Viral Load Set Points and Better Prognosis of Simian Immunodeficiency Virus Infection. Journal of Immunology, 2014, 193, 797-806.	0.6	40
121	Using a Combined Computational-Experimental Approach to Predict Antibody-Specific B Cell Epitopes. Structure, 2014, 22, 646-657.	3.9	70
122	T Follicular Helper Cell Differentiation, Function, and Roles in Disease. Immunity, 2014, 41, 529-542.	23.3	1,748
123	The transcription factor Foxp1 is a critical negative regulator of the differentiation of follicular helper T cells. Nature Immunology, 2014, 15, 667-675.	24.4	119
124	The E3 ubiquitin ligase Itch is required for the differentiation of follicular helper T cells. Nature Immunology, 2014, 15, 657-666.	24.4	111
125	InÂVivo RNA Interference Screens Identify Regulators of Antiviral CD4+ and CD8+ T Cell Differentiation. Immunity, 2014, 41, 325-338.	23.3	115
126	BCL6 Orchestrates Tfh Differentiation Via Multiple Distinct Mechanisms. Blood, 2014, 124, 4137-4137.	4.2	1

#	Article	IF	PR Citations
127	Human Circulating PD-1+CXCR3â^'CXCR5+ Memory Tfh Cells Are Highly Functional and Correlate with Broadly Neutralizing HIV Antibody Responses. Immunity, 2013, 39, 758-769.	23.3	868
128	Dynamic regulation of Bcl6 in follicular helper CD4 T (Tfh) cells. Current Opinion in Immunology, 2013, 25, 366-372.	5.3	93
129	S-4. Cytokine, 2013, 63, 241.	3.7	0
130	Exogenous OX40 Stimulation during Lymphocytic Choriomeningitis Virus Infection Impairs Follicular Th Cell Differentiation and Diverts CD4 T Cells into the Effector Lineage by Upregulating Blimp-1. Journal of Immunology, 2013, 191, 5026-5035.	0.6	37
131	Harnessing CD4+ T cell responses in HIV vaccine development. Nature Medicine, 2013, 19, 143-149.	40.4	103
132	Cutting Edge: STAT1 Is Required for IL-6â€“Mediated Bcl6 Induction for Early Follicular Helper Cell Differentiation. Journal of Immunology, 2013, 190, 3049-3053.	0.6	311
133	Modulation of SAP dependent T:B cell interactions as a strategy to improve vaccination. Current Opinion in Virology, 2013, 3, 363-370.	5.1	50
134	Unusual Features of Vaccinia Virus Extracellular Virion Form Neutralization Resistance Revealed in Human Antibody Responses to the Smallpox Vaccine. Journal of Virology, 2013, 87, 1569-1585.	3.7	35
135	Bcl6 Expressing Follicular Helper CD4 T Cells Are Fate Committed Early and Have the Capacity To Form Memory. Journal of Immunology, 2013, 190, 4014-4026.	0.6	228
136	Structural and Biochemical Characterization of the Vaccinia Virus Envelope Protein D8 and Its Recognition by the Antibody LA5. Journal of Virology, 2012, 86, 8050-8058.	3.7	46
137	Bcl6 and Maf Cooperate To Instruct Human Follicular Helper CD4 T Cell Differentiation. Journal of Immunology, 2012, 188, 3734-3744.	0.6	335
138	STAT5 is a potent negative regulator of TFH cell differentiation. Journal of Experimental Medicine, 2012, 209, 243-250.	8.0	454
139	OX40 Facilitates Control of a Persistent Virus Infection. PLoS Pathogens, 2012, 8, e1002913.	4.5	64
140	The Receptor Ly108 Functions as a SAP Adaptor-Dependent On-Off Switch for T Cell Help to B Cells and NKT Cell Development. Immunity, 2012, 36, 986-1002.	23.3	152
141	A Blueprint for HIV Vaccine Discovery. Cell Host and Microbe, 2012, 12, 396-407.	15.5	367
142	Protection of Rabbits and Immunodeficient Mice against Lethal Poxvirus Infections by Human Monoclonal Antibodies. PLoS ONE, 2012, 7, e48706.	2.4	29
143	The 1â€1â€1 fallacy. Immunological Reviews, 2012, 247, 133-142.	6.6	34
144	Follicular Helper CD4 T Cells (T_{FH}). Annual Review of Immunology, 2011, 29, 621-663.	30.4	2,656

#	Article	IF	PR Citations
145	Protective Murine and Human Monoclonal Antibodies against Eczema Vaccinatum. Antiviral Therapy, 2011, 16, 67-75.	2.2	10
146	IL-21 and IL-6 Are Critical for Different Aspects of B Cell Immunity and Redundantly Induce Optimal Follicular Helper CD4 T Cell (Tfh) Differentiation. PLoS ONE, 2011, 6, e17739.	2.4	500
147	An epitope conserved in orthopoxvirus A13 envelope protein is the target of neutralizing and protective antibodies. Virology, 2011, 418, 67-73.	2.3	24
148	ICOS Receptor Instructs T Follicular Helper Cell versus Effector Cell Differentiation via Induction of the Transcriptional Repressor Bcl6. Immunity, 2011, 34, 932-946.	23.3	878
149	B Cell-Specific Expression of B7-2 Is Required for Follicular Th Cell Function in Response to Vaccinia Virus. Journal of Immunology, 2011, 186, 5294-5303.	0.6	71
150	Effectors and memories: Bcl-6 and Blimp-1 in T and B lymphocyte differentiation. Nature Immunology, 2010, 11, 114-120.	24.4	488
151	Combination therapy of vaccinia virus infection with human anti-H3 and anti-B5 monoclonal antibodies in a small animal model. Antiviral Therapy, 2010, 15, 661-675.	2.2	62
152	In Vivo Regulation of Bcl6 and T Follicular Helper Cell Development. Journal of Immunology, 2010, 185, 313-326.	0.6	260
153	Germinal Center T Follicular Helper Cell IL-4 Production Is Dependent on Signaling Lymphocytic Activation Molecule Receptor (CD150). Journal of Immunology, 2010, 185, 190-202.	0.6	388
154	Polyfunctional CD4+ T cell responses to a set of pathogenic arenaviruses provide broad population coverage. Immunome Research, 2010, 6, 4.	0.1	18
155	Uncovering the Interplay Between CD8, CD4 and Antibody Responses to Complex Pathogens. Future Microbiology, 2010, 5, 221-239.	2.0	75
156	Inhibition of NK cell activity by IL-17 allows vaccinia virus to induce severe skin lesions in a mouse model of eczema vaccinatum. Journal of Experimental Medicine, 2009, 206, 1219-1225.	8.0	76
157	Shane Crotty: Exploring immune memory. Journal of Experimental Medicine, 2009, 206, 974-975.	8.0	1
158	The smallpox vaccine induces an early neutralizing IgM response. Vaccine, 2009, 28, 140-147.	3.2	31
159	Definition of epitopes and antigens recognized by vaccinia specific immune responses: Their conservation in variola virus sequences, and use as a model system to study complex pathogens. Vaccine, 2009, 27, G21-G26.	3.2	44
160	Bcl6 and Blimp-1 Are Reciprocal and Antagonistic Regulators of T Follicular Helper Cell Differentiation. Science, 2009, 325, 1006-1010.	37.0	1,515
161	Selective CD4+ T Cell Help for Antibody Responses to a Large Viral Pathogen: Deterministic Linkage of Specificities. Immunity, 2008, 28, 847-858.	23.3	177
162	Quantitative PCR technique for detecting lymphocytic choriomeningitis virus in vivo. Journal of Virological Methods, 2008, 147, 167-176.	1.7	120

#	Article	IF	PR Citations
163	OX40 Drives Protective Vaccinia Virus-Specific CD8 T Cells. Journal of Immunology, 2008, 181, 7969-7976.	0.6	74
164	NKT cells prevent chronic joint inflammation after infection withBorrelia burgdorferi. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19863-19868.	7.8	92
165	Redundancy and Plasticity of Neutralizing Antibody Responses Are Cornerstone Attributes of the Human Immune Response to the Smallpox Vaccine. Journal of Virology, 2008, 82, 3751-3768.	3.7	106
166	T cell independent B cell response to an RNAâ€binding viral protein (Vaccinia E3). FASEB Journal, 2008, 22, .	0.7	0
167	Important roles for Fyn in CD4 T cell activation and helper functions in vivo. FASEB Journal, 2008, 22, .	0.7	0
168	Protection from vaccinia virusâ€induced severe skin lesions by natural killer cells in a mouse model of eczema vaccinatum. FASEB Journal, 2008, 22, .	0.7	0
169	Chronic Lymphocytic Choriomeningitis Virus Infection Actively Down-Regulates CD4+ T Cell Responses Directed against a Broad Range of Epitopes. Journal of Immunology, 2007, 179, 1058-1067.	0.6	27
170	Vaccinia Virus-Specific CD4+ T Cell Responses Target a Set of Antigens Largely Distinct from Those Targeted by CD8+ T Cell Responses. Journal of Immunology, 2007, 178, 6814-6820.	0.6	99
171	SAP Regulation of Follicular Helper CD4 T Cell Development and Humoral Immunity Is Independent of SLAM and Fyn Kinase. Journal of Immunology, 2007, 178, 817-828.	0.6	98
172	Monkeypox-Induced Immunity and Failure of Childhood Smallpox Vaccination To Provide Complete Protection. Vaccine Journal, 2007, 14, 1318-1327.	3.0	156
173	Proteome-wide analysis of the serological response to vaccinia and smallpox. Proteomics, 2007, 7, 1678-1686.	3.2	146
174	Ly9 (CD229)-Deficient Mice Exhibit T Cell Defects yet Do Not Share Several Phenotypic Characteristics Associated with SLAM- and SAP-Deficient Mice. Journal of Immunology, 2006, 176, 291-300.	0.6	98
175	Hypogammaglobulinemia and exacerbated CD8 T-cellâ€“mediated immunopathology in SAP-deficient mice with chronic LCMV infection mimics human XLP disease. Blood, 2006, 108, 3085-3093.	4.2	47
176	Immunity and immunological memory following smallpox vaccination. Immunological Reviews, 2006, 211, 320-337.	6.6	210
177	SAP regulates T cellâ€“mediated help for humoral immunity by a mechanism distinct from cytokine regulation. Journal of Experimental Medicine, 2006, 203, 1551-1565.	8.0	143
178	Resolution of a chronic viral infection after interleukin-10 receptor blockade. Journal of Experimental Medicine, 2006, 203, 2461-2472.	8.0	522
179	Vaccinia Virus H3L Envelope Protein Is a Major Target of Neutralizing Antibodies in Humans and Elicits Protection against Lethal Challenge in Mice. Journal of Virology, 2005, 79, 11724-11733.	3.7	215
180	Profiling the humoral immune response to infection by using proteome microarrays: High-throughput vaccine and diagnostic antigen discovery. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 547-552.	7.8	398

#	Article	IF	PR Citations
181	The Poliovirus Replication Machinery Can Escape Inhibition by an Antiviral Drug That Targets a Host Cell Protein. Journal of Virology, 2004, 78, 3378-3386.	3.7	53
182	Immune Responses toBacillus anthracisProtective Antigen in Patients with Bioterrorismâ€Related Cutaneous or Inhalation Anthrax. Journal of Infectious Diseases, 2004, 190, 1228-1236.	3.9	127
183	Tracking human antigen-specific memory B cells: a sensitive and generalized ELISPOT system. Journal of Immunological Methods, 2004, 286, 111-122.	1.5	423
184	Poliovirus vaccine strains as mucosal vaccine vectors and their potential use to develop an AIDS vaccine. Advanced Drug Delivery Reviews, 2004, 56, 835-852.	15.6	39
185	Immunological memory in humans. Seminars in Immunology, 2004, 16, 197-203.	6.8	214
186	Manganese-Dependent Polioviruses Caused by Mutations within the Viral Polymerase. Journal of Virology, 2003, 77, 5378-5388.	3.7	22
187	Cutting Edge: Long-Term B Cell Memory in Humans after Smallpox Vaccination. Journal of Immunology, 2003, 171, 4969-4973.	0.6	657
188	Implications of high RNA virus mutation rates: lethal mutagenesis and the antiviral drug ribavirin. Microbes and Infection, 2002, 4, 1301-1307.	2.4	84
189	Poliovirus pathogenesis in a new poliovirus receptor transgenic mouse model: age-dependent paralysis and a mucosal route of infection. Journal of General Virology, 2002, 83, 1707-1720.	3.4	71
190	Protection against Simian Immunodeficiency Virus Vaginal Challenge by Using Sabin Poliovirus Vectors. Journal of Virology, 2001, 75, 7435-7452.	3.7	106
191	The broad-spectrum antiviral ribonucleoside ribavirin is an RNA virus mutagen. Nature Medicine, 2000, 6, 1375-1379.	40.4	785
192	Poliovirus RNA-dependent RNA Polymerase (3Dpol). Journal of Biological Chemistry, 2000, 275, 25523-25532.	2.3	116
193	Mucosal Immunization of Cynomolgus Macaques with Two Serotypes of Live Poliovirus Vectors Expressing Simian Immunodeficiency Virus Antigens: Stimulation of Humoral, Mucosal, and Cellular Immunity. Journal of Virology, 1999, 73, 9485-9495.	3.7	74