Rafi Ahmed

List of Publications by Year
in descending order

186 papers	44,846 citations	82 h-index	176 g-index
		5558	3997
213 all docs	213 docs citations	213 times ranked	43308 citing authors

#	Article	IF	Citations
1	Restoring function in exhausted CD8 T cells during chronic viral infection. Nature, 2006, 439, 682-687.	13.7	3,471
2	PD-1 expression on HIV-specific T cells is associated with T-cell exhaustion and disease progression. Nature, 2006, 443, 350-354.	13.7	2,380
3	Viral Immune Evasion Due to Persistence of Activated T Cells Without Effector Function. Journal of Experimental Medicine, 1998, 188, 2205-2213.	4.2	1,733
4	Molecular Signature of CD8+ T Cell Exhaustion during Chronic Viral Infection. Immunity, 2007, 27, 670-684.	6.6	1,695
5	Lineage relationship and protective immunity of memory CD8 T cell subsets. Nature Immunology, 2003, 4, 225-234.	7.0	1,621
6	Selective expression of the interleukin 7 receptor identifies effector CD8 T cells that give rise to long-lived memory cells. Nature Immunology, 2003, 4, 1191-1198.	7.0	1,605
7	Effector and memory T-cell differentiation: implications for vaccine development. Nature Reviews Immunology, 2002, 2, 251-262.	10.6	1,524
8	Defining CD8+ T cells that provide the proliferative burst after PD-1 therapy. Nature, 2016, 537, 417-421.	13.7	1,371
9	mTOR regulates memory CD8 T-cell differentiation. Nature, 2009, 460, 108-112.	13.7	1,346
10	Viral Persistence Alters CD8 T-Cell Immunodominance and Tissue Distribution and Results in Distinct Stages of Functional Impairment. Journal of Virology, 2003, 77, 4911-4927.	1.5	1,340
11	Memory CD8+ T cell differentiation: initial antigen encounter triggers a developmental program in naÃ¯ve cells. Nature Immunology, 2001, 2, 415-422.	7.0	1,130
12	Humoral Immunity Due to Long-Lived Plasma Cells. Immunity, 1998, 8, 363-372.	6.6	1,105
13	Rapid cloning of high-affinity human monoclonal antibodies against influenza virus. Nature, 2008, 453, 667-671.	13.7	959
14	Molecular and Functional Profiling of Memory CD8 T Cell Differentiation. Cell, 2002, 111, 837-851.	13.5	873
15	Immunological mechanisms of vaccination. Nature Immunology, 2011, 12, 509-517.	7.0	790
16	Rescue of exhausted CD8 T cells by PD-1â€“targeted therapies is CD28-dependent. Science, 2017, 355, 1423-1427.	6.0	753
17	Enhancing SIV-specific immunity in vivo by PD-1 blockade. Nature, 2009, 458, 206-210.	13.7	699
18	Molecular signatures of antibody responses derived from a systems biology study of five human vaccines. Nature Immunology, 2014, 15, 195-204.	7.0	672

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19	Cytotoxic T-cell memory without antigen. Nature, 1994, 369, 648-652.	13.7	656
20	Proliferation of PD-1+ CD8 T cells in peripheral blood after PD-1â€“targeted therapy in lung cancer patients. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4993-4998.	3.3	614
21	Cutting Edge: Long-Term B Cell Memory in Humans after Smallpox Vaccination. Journal of Immunology, 2003, 171, 4969-4973.	0.4	604
22	Human Effector and Memory CD8+ T Cell Responses toÂSmallpox and Yellow Fever Vaccines. Immunity, 2008, 28, 710-722.	6.6	541
23	Functional and genomic profiling of effector CD8 T cell subsets with distinct memory fates. Journal of Experimental Medicine, 2008, 205, 625-640.	4.2	540
24	Human antibody responses after dengue virus infection are highly cross-reactive to Zika virus. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7852-7857.	3.3	479
25	Yellow fever vaccine YF-17D activates multiple dendritic cell subsets via TLR2, 7, 8, and 9 to stimulate polyvalent immunity. Journal of Experimental Medicine, 2006, 203, 413-424.	4.2	474
26	Rapid generation of fully human monoclonal antibodies specific to a vaccinating antigen. Nature Protocols, 2009, 4, 372-384.	5.5	458
27	CD8 T Cell Exhaustion in Chronic Infection and Cancer: Opportunities for Interventions. Annual Review of Medicine, 2018, 69, 301-318.	5.0	432
28	Rapid Generation of Neutralizing Antibody Responses in COVID-19 Patients. Cell Reports Medicine, 2020, 1, 100040.	3.3	421
29	Origin and differentiation of human memory CD8 T cells after vaccination. Nature, 2017, 552, 362-367.	13.7	412
30	Tracking human antigen-specific memory B cells: a sensitive and generalized ELISPOT system. Journal of Immunological Methods, 2004, 286, 111-122.	0.6	407
31	Effector CD8 T cells dedifferentiate into long-lived memory cells. Nature, 2017, 552, 404-409.	13.7	378
32	Pandemic H1N1 influenza vaccine induces a recall response in humans that favors broadly cross-reactive memory B cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9047-9052.	3.3	371
33	Autophagy is essential for effector CD8+ T cell survival and memory formation. Nature Immunology, 2014, 15, 1152-1161.	7.0	367
34	Chronic Virus Infection Enforces Demethylation of the Locus that Encodes PD-1 in Antigen-Specific CD8+ T Cells. Immunity, 2011, 35, 400-412.	6.6	357
35	Immune history profoundly affects broadly protective B cell responses to influenza. Science Translational Medicine, 2015, 7, 316ra192.	5.8	353
36	Proliferating Transitory T Cells with an Effector-like Transcriptional Signature Emerge from PD-1+ Stem-like CD8+ T Cells during Chronic Infection. Immunity, 2019, 51, 1043-1058.e4.	6.6	353

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37	Defining antigen-specific plasmablast and memory B cell subsets in human blood after viral infection or vaccination. Nature Immunology, 2016, 17, 1226-1234.	7.0	348
38	Role of PD-1 during effector CD8 T cell differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4749-4754.	3.3	327
39	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.	3.3	322
40	Longitudinal analysis shows durable and broad immune memory after SARS-CoV-2 infection with persisting antibody responses and memory B and TÂcells. Cell Reports Medicine, 2021, 2, 100354.	3.3	316
41	Influenza Infection in Humans Induces Broadly Cross-Reactive and Protective Neuraminidase-Reactive Antibodies. Cell, 2018, 173, 417-429.e10.	13.5	295
42	Systems Analysis of Immunity to Influenza Vaccination across Multiple Years and in Diverse Populations Reveals Shared Molecular Signatures. Immunity, 2015, 43, 1186-1198.	6.6	286
43	IgG antibodies to dengue enhanced for FcÎ³RIIIA binding determine disease severity. Science, 2017, 355, 395-398.	6.0	286
44	Long-lived plasma cells: a mechanism for maintaining persistent antibody production. Current Opinion in Immunology, 1998, 10, 252-258.	2.4	277
45	Comparison of the toxicity profile of PDâ€1 versus PDâ€L1 inhibitors in nonâ€“small cell lung cancer: A systematic analysis of the literature. Cancer, 2018, 124, 271-277.	2.0	265
46	Strength of PD-1 signaling differentially affects T-cell effector functions. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2480-9.	3.3	242
47	Metabolic Phenotypes of Response to Vaccination in Humans. Cell, 2017, 169, 862-877.e17.	13.5	234
48	Dengue Virus Infection Induces Expansion of a CD14+CD16+ Monocyte Population that Stimulates Plasmablast Differentiation. Cell Host and Microbe, 2014, 16, 115-127.	5.1	220
49	Simply put: Vaccination saves lives. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4031-4033.	3.3	219
50	Potential antigenic explanation for atypical H1N1 infections among middle-aged adults during the 2013â€“2014 influenza season. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15798-15803.	3.3	203
51	Enhancing therapeutic vaccination by blocking PD-1â€“mediated inhibitory signals during chronic infection. Journal of Experimental Medicine, 2008, 205, 543-555.	4.2	201
52	Infection- and vaccine-induced antibody binding and neutralization of the B.1.351 SARS-CoV-2 variant. Cell Host and Microbe, 2021, 29, 516-521.e3.	5.1	199
53	Differentiating between Memory and Effector Cd8 T Cells by Altered Expression of Cell Surface O-Glycans. Journal of Experimental Medicine, 2000, 191, 1241-1246.	4.2	191
54	Protective immunity and susceptibility to infectious diseases: lessons from the 1918 influenza pandemic. Nature Immunology, 2007, 8, 1188-1193.	7.0	189

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55	Interplay between regulatory T cells and PD-1 in modulating T cell exhaustion and viral control during chronic LCMV infection. Journal of Experimental Medicine, 2014, 211, 1905-1918.	4.2	182
56	Systematic Analysis of Monoclonal Antibodies against Ebola Virus GP Defines Features that Contribute to Protection. Cell, 2018, 174, 938-952.e13.	13.5	173
57	Anti-HA Glycoforms Drive B Cell Affinity Selection and Determine Influenza Vaccine Efficacy. Cell, 2015, 162, 160-169.	13.5	171
58	An IL-27/NFIL3 signalling axis drives Tim-3 and IL-10 expression and T-cell dysfunction. Nature Communications, 2015, 6, 6072.	5.8	169
59	Global DNA Methylation Remodeling Accompanies CD8 T Cell Effector Function. Journal of Immunology, 2013, 191, 3419-3429.	0.4	167
60	Epigenetic signature of PD-1+ TCF1+ CD8 T cells that act as resource cells during chronic viral infection and respond to PD-1 blockade. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14113-14118.	3.3	157
61	Longitudinal Analysis of the Human B Cell Response to Ebola Virus Infection. Cell, 2019, 177, 1566-1582.e17.	13.5	153
62	Functional HPV-specific PD-1+ stem-like CD8 T cells in head and neck cancer. Nature, 2021, 597, 279-284.	13.7	153
63	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.	2.9	150
64	A Direct Comparison of in Vitro and in Vivo Nucleic Acid Delivery Mediated by Hundreds of Nanoparticles Reveals a Weak Correlation. Nano Letters, 2018, 18, 2148-2157.	4.5	138
65	NF-Î²B Regulates PD-1 Expression in Macrophages. Journal of Immunology, 2015, 194, 4545-4554.	0.4	134
66	Auto-antibodies to type I IFNs can underlie adverse reactions to yellow fever live attenuated vaccine. Journal of Experimental Medicine, 2021, 218, .	4.2	130
67	PD-L1 has distinct functions in hematopoietic and nonhematopoietic cells in regulating T cell responses during chronic infection in mice. Journal of Clinical Investigation, 2010, 120, 2508-2515.	3.9	129
68	Translation is actively regulated during the differentiation of CD8+ effector T cells. Nature Immunology, 2017, 18, 1046-1057.	7.0	126
69	Impact of Epitope Escape on PD-1 Expression and CD8 T-Cell Exhaustion during Chronic Infection. Journal of Virology, 2009, 83, 4386-4394.	1.5	125
70	Neutralizing Antibodies Against SARS-CoV-2 Variants After Infection and Vaccination. JAMA - Journal of the American Medical Association, 2021, 325, 1896.	3.8	125
71	Influenza Virus Vaccination Elicits Poorly Adapted B Cell Responses in Elderly Individuals. Cell Host and Microbe, 2019, 25, 357-366.e6.	5.1	124
72	Memory T Follicular Helper CD4 T Cells. Frontiers in Immunology, 2015, 6, 16.	2.2	122

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73	Defining HPV-specific B cell responses in patients with head and neck cancer. Nature, 2021, 597, 274-278.	13.7	122
74	Dynamics of SIV-specific CXCR5+ CD8 T cells during chronic SIV infection. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1976-1981.	3.3	119
75	Case of Yellow Fever Vaccineâ€“Associated Viscerotropic Disease with Prolonged Viremia, Robust Adaptive Immune Responses, and Polymorphisms in CCR5 and RANTES Genes. Journal of Infectious Diseases, 2008, 198, 500-507.	1.9	114
76	Reservoir Host Immune Responses to Emerging Zoonotic Viruses. Cell, 2015, 160, 20-35.	13.5	114
77	Initial viral load determines the magnitude of the human CD8 T cell response to yellow fever vaccination. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3050-3055.	3.3	111
78	B Cell Responses during Secondary Dengue Virus Infection Are Dominated by Highly Cross-Reactive, Memory-Derived Plasmablasts. Journal of Virology, 2016, 90, 5574-5585.	1.5	111
79	Limiting dilution analysis of virus-specific memory B cells by an ELISPOT assay. Journal of Immunological Methods, 1996, 199, 37-46.	0.6	95
80	Humoral cross-reactivity between Zika and dengue viruses: implications for protection and pathology. Emerging Microbes and Infections, 2017, 6, 1-6.	3.0	93
81	Characterization of Human CD8 T Cell Responses in Dengue Virus-Infected Patients from India. Journal of Virology, 2016, 90, 11259-11278.	1.5	92
82	Interleukin-21 Is a Critical Cytokine for the Generation of Virus-Specific Long-Lived Plasma Cells. Journal of Virology, 2013, 87, 7737-7746.	1.5	90
83	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, .	5.6	90
84	Interleukin-4 acts at the locus of the antigen-presenting dendritic cell to counter-regulate cytotoxic CD8+ T-cell responses. Nature Medicine, 2001, 7, 206-214.	15.2	85
85	PD-1+ stemlike CD8 T cells are resident in lymphoid tissues during persistent LCMV infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4292-4299.	3.3	85
86	Combination antiâ€“PD-1 and antiretroviral therapy provides therapeutic benefit against SIV. JCI Insight, 2018, 3, .	2.3	83
87	Reinvigorating Exhausted T Cells by Blockade of the PD-1 Pathway. Forum on Immunopathological Diseases and Therapeutics, 2015, 6, 7-17.	0.1	82
88	Tumor-draining lymph node is important for a robust abscopal effect stimulated by radiotherapy. , 2020, 8, e000867.		81
89	Activation of miR-21-Regulated Pathways in Immune Aging Selects against Signatures Characteristic of Memory T Cells. Cell Reports, 2018, 25, 2148-2162.e5.	2.9	80
90	Multi-epitope Models Explain How Pre-existing Antibodies Affect the Generation of Broadly Protective Responses to Influenza. PLoS Pathogens, 2016, 12, e1005692.	2.1	79

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91	Influenza vaccineâ€“induced human bone marrow plasma cells decline within a year after vaccination. Science, 2020, 370, 237-241.	6.0	77
92	Vaccine-elicited CD4 T cells induce immunopathology after chronic LCMV infection. Science, 2015, 347, 278-282.	6.0	71
93	Demethylation of the PD-1 Promoter Is Imprinted during the Effector Phase of CD8 T Cell Exhaustion. Journal of Virology, 2016, 90, 8934-8946.	1.5	69
94	Lowâ€dose wholeâ€lung radiation for COVIDâ€19 pneumonia: Planned day 7 interim analysis of a registered clinical trial. Cancer, 2020, 126, 5109-5113.	2.0	69
95	Antiviral CD4 and CD8 Tâ€“cell memory: differences in the size of the response and activation requirements. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 373-379.	1.8	67
96	A tetravalent virus-like particle vaccine designed to display domain III of dengue envelope proteins induces multi-serotype neutralizing antibodies in mice and macaques which confer protection against antibody dependent enhancement in AG129 mice. PLoS Neglected Tropical Diseases, 2018, 12, e0006191.	1.3	67
97	Identification of an Evolutionarily Conserved Transcriptional Signature of CD8 Memory Differentiation That Is Shared by T and B Cells. Journal of Immunology, 2008, 181, 1859-1868.	0.4	65
98	In Vivo Selection of a Lymphocytic Choriomeningitis Virus Variant That Affects Recognition of the GP33-43 Epitope by H-2D b but Not H-2K b. Journal of Virology, 2001, 75, 5099-5107.	1.5	61
99	Masking of antigenic epitopes by antibodies shapes the humoral immune response to influenza. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140248.	1.8	61
100	Reversal of virus-induced systemic shock and respiratory failure by blockade of the lymphotoxin pathway. Nature Medicine, 1999, 5, 1370-1374.	15.2	60
101	Antibody Effector Functions Mediated by FcÎ³-Receptors Are Compromised during Persistent Viral Infection. Immunity, 2015, 42, 367-378.	6.6	59
102	Chimeric Influenza Virus Hemagglutinin Proteins Containing Large Domains of the Bacillus anthracis Protective Antigen: Protein Characterization, Incorporation into Infectious Influenza Viruses, and Antigenicity. Journal of Virology, 2005, 79, 10003-10012.	1.5	58
103	The Magnitude of IFN-Î³ Responses Is Fine-Tuned by DNA Architecture and the Non-coding Transcript of Ifng-as1. Molecular Cell, 2019, 75, 1229-1242.e5.	4.5	58
104	Two heads better than one? Ipilimumab immunotherapy and radiation therapy for melanoma brain metastases. Neuro-Oncology, 2015, 17, 1312-1321.	0.6	57
105	Antigenic Drift of the Influenza A(H1N1)pdm09 Virus Neuraminidase Results in Reduced Effectiveness of A/California/7/2009 (H1N1pdm09)-Specific Antibodies. MBio, 2019, 10, .	1.8	57
106	Adjuvanted H5N1 influenza vaccine enhances both cross-reactive memory B cell and strain-specific naive B cell responses in humans. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17957-17964.	3.3	57
107	Lymphoid tissue fibrosis is associated with impaired vaccine responses. Journal of Clinical Investigation, 2018, 128, 2763-2773.	3.9	55
108	T cell receptor sequencing of activated CD8 T cells in the blood identifies tumor-infiltrating clones that expand after PD-1 therapy and radiation in a melanoma patient. Cancer Immunology, Immunotherapy, 2018, 67, 1767-1776.	2.0	51

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109	Long-Term Antibody Production Is Sustained by Antibody-Secreting Cells in the Bone Marrow following Acute Viral Infection. Annals of the New York Academy of Sciences, 1996, 797, 166-176.	1.8	50
110	Broad Hemagglutinin-Specific Memory B Cell Expansion by Seasonal Influenza Virus Infection Reflects Early-Life Imprinting and Adaptation to the Infecting Virus. Journal of Virology, 2019, 93, .	1.5	50
111	Immunization with Live Attenuated Influenza Viruses That Express Altered NS1 Proteins Results in Potent and Protective Memory CD8 ⁺ T-Cell Responses. Journal of Virology, 2010, 84, 1847-1855.	1.5	48
112	Malaria Induces Anemia through CD8⁺T Cell-Dependent Parasite Clearance and Erythrocyte Removal in the Spleen. MBio, 2015, 6, .	1.8	46
113	Expression of novel long noncoding RNAs defines virus-specific effector and memory CD8+ T cells. Nature Communications, 2019, 10, 196.	5.8	42
114	mTOR Promotes Antiviral Humoral Immunity by Differentially Regulating CD4 Helper T Cell and B Cell Responses. Journal of Virology, 2017, 91, .	1.5	41
115	PD-1 suppresses TCR-CD8 cooperativity during T-cell antigen recognition. Nature Communications, 2021, 12, 2746.	5.8	41
116	Cytokine-Mediated Regulation of CD8 T-Cell Responses During Acute and Chronic Viral Infection. Cold Spring Harbor Perspectives in Biology, 2019, 11, a028464.	2.3	38
117	Programmed Cell Death 1-Directed Immunotherapy for Enhancing T-Cell Function. Cold Spring Harbor Symposia on Quantitative Biology, 2013, 78, 239-247.	2.0	38
118	Broadly Reactive Human CD8 T Cells that Recognize an Epitope Conserved between VZV, HSV and EBV. PLoS Pathogens, 2014, 10, e1004008.	2.1	36
119	Recombinant Listeria monocytogenes as a live vaccine vehicle and a probe for studying cell-mediated immunity. Immunological Reviews, 1997, 158, 147-157.	2.8	35
120	Qualitatively Different Memory CD8+ T Cells Are Generated after Lymphocytic Choriomeningitis Virus and Influenza Virus Infections. Journal of Immunology, 2010, 185, 2182-2190.	0.4	35
121	High Affinity Antibodies against Influenza Characterize the Plasmablast Response in SLE Patients After Vaccination. PLoS ONE, 2015, 10, e0125618.	1.1	35
122	Humoral Immune Responses Against Zika Virus Infection and the Importance of Preexisting Flavivirus Immunity. Journal of Infectious Diseases, 2017, 216, S906-S911.	1.9	34
123	Broadly Reactive Human Monoclonal Antibodies Elicited following Pandemic H1N1 Influenza Virus Exposure Protect Mice against Highly Pathogenic H5N1 Challenge. Journal of Virology, 2018, 92, .	1.5	33
124	Determinants of Neutralizing Antibody Response After SARS CoV-2 Vaccination in Patients With Myeloma. Journal of Clinical Oncology, 2022, 40, 3057-3064.	0.8	31
125	Decreased humoral immunity to mumps in young adults immunized with MMR vaccine in childhood. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19071-19076.	3.3	30
126	Heat Shock Protein-90 Inhibition Alters Activation of Pancreatic Stellate Cells and Enhances the Efficacy of PD-1 Blockade in Pancreatic Cancer. Molecular Cancer Therapeutics, 2021, 20, 150-160.	1.9	30

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127	Distinct phenotypic states and spatial distribution of CD8+ TÂcell clonotypes in human brain metastases. Cell Reports Medicine, 2022, 3, 100620.	3.3	29
128	Beyond adjuvants: Immunomodulation strategies to enhance T cell immunity. Vaccine, 2015, 33, B21-B28.	1.7	28
129	Cutting Edge: miR-17-92 Is Required for Both CD4 Th1 and T Follicular Helper Cell Responses during Viral Infection. Journal of Immunology, 2015, 195, 2515-2519.	0.4	28
130	Immune checkpoint modulation enhances HIV-1 antibody induction. Nature Communications, 2020, 11, 948.	5.8	27
131	Pre-existing SARS-CoV-2 immunity influences potency, breadth, and durability of the humoral response to SARS-CoV-2 vaccination. Cell Reports Medicine, 2022, 3, 100603.	3.3	27
132	Asymmetric and non-stoichiometric glycoprotein recognition by two distinct antibodies results in broad protection against ebolaviruses. Cell, 2022, 185, 995-1007.e18.	13.5	26
133	Humoral Responses Against SARS-CoV-2 and Variants of Concern After mRNA Vaccines in Patients With Non-Hodgkin Lymphoma and Chronic Lymphocytic Leukemia. Journal of Clinical Oncology, 2022, 40, 3020-3031.	0.8	26
134	Characterization of neutralizing versus binding antibodies and memory B cells in COVID-19 recovered individuals from India. Virology, 2021, 558, 13-21.	1.1	24
135	Breadth and Functionality of Varicella-Zoster Virus Glycoprotein-Specific Antibodies Identified after Zostavax Vaccination in Humans. Journal of Virology, 2018, 92, .	1.5	23
136	The economy of T-cell memory: CD4+ recession in times of CD8+ stability?. Nature Medicine, 2001, 7, 892-893.	15.2	22
137	Exosome-Containing Preparations From Postirradiated Mouse Melanoma Cells Delay Melanoma Growth InÂVivo by a Natural Killer Cellâ€“Dependent Mechanism. International Journal of Radiation Oncology Biology Physics, 2020, 108, 104-114.	0.4	22
138	In vivo mRNA delivery to virus-specific T cells by light-induced ligand exchange of MHC class I antigen-presenting nanoparticles. Science Advances, 2022, 8, eabm7950.	4.7	22
139	PD-1 blockade and vaccination provide therapeutic benefit against SIV by inducing broad and functional CD8 ⁺ T cells in lymphoid tissue. Science Immunology, 2021, 6, eabh3034.	5.6	20
140	Viral Immunity and Vaccines in Hematologic Malignancies: Implications for COVID-19. Blood Cancer Discovery, 2021, 2, 9-12.	2.6	20
141	Immunological Memory. Immunological Reviews, 2006, 211, 5-7.	2.8	19
142	Antibody Response to COVID-19 mRNA Vaccine in Patients With Lung Cancer After Primary Immunization and Booster: Reactivity to the SARS-CoV-2 WT Virus and Omicron Variant. Journal of Clinical Oncology, 2022, 40, 3808-3816.	0.8	19
143	Understanding the immunology of the Zostavax shingles vaccine. Current Opinion in Immunology, 2019, 59, 25-30.	2.4	18
144	T Cell Receptor Diversity and Lineage Relationship between Virus-Specific CD8 T Cell Subsets during Chronic Lymphocytic Choriomeningitis Virus Infection. Journal of Virology, 2020, 94, .	1.5	17

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145	Fc Receptors in Antimicrobial Protection. Current Topics in Microbiology and Immunology, 2019, 423, 119-150.	0.7	15
146	Influenza Immunization in the Context of Preexisting Immunity. Cold Spring Harbor Perspectives in Medicine, 2020, 11, a040964.	2.9	15
147	Persistence of Varicella-Zoster Virus-Specific Plasma Cells in Adult Human Bone Marrow following Childhood Vaccination. Journal of Virology, 2020, 94, .	1.5	15
148	Whole-lung low-dose radiation therapy (LD-RT) for non-intubated oxygen-dependent patients with COVID-19-related pneumonia receiving dexamethasone and/or remdesevir. Radiotherapy and Oncology, 2021, 165, 20-31.	0.3	13
149	Learning vaccinology from viral infections. Journal of Experimental Medicine, 2011, 208, 2347-2349.	4.2	12
150	Immune conflicts in lymphocytic choriomeningitis virus. Seminars in Immunopathology, 1995, 17, 247-59.	4.0	10
151	Analysis of dengue specific memory B cells, neutralizing antibodies and binding antibodies in healthy adults from India. International Journal of Infectious Diseases, 2019, 84, S57-S63.	1.5	10
152	Minimal immune response to booster vaccination against Yellow Fever associated with pre-existing antibodies. Vaccine, 2020, 38, 2172-2182.	1.7	10
153	Adenovirus Serotype 5 Vaccination Results in Suboptimal CD4 T Helper 1 Responses in Mice. Journal of Virology, 2017, 91, .	1.5	9
154	Advancing dengue vaccine development. Science, 2017, 358, 865-866.	6.0	9
155	Dynamics and turnover of memory CD8 T cell responses following yellow fever vaccination. PLoS Computational Biology, 2021, 17, e1009468.	1.5	9
156	Biogenesis of Influenza A Virus Hemagglutinin Cross-Protective Stem Epitopes. PLoS Pathogens, 2014, 10, e1004204.	2.1	8
157	Myocarditis With Radiotherapy and Immunotherapy in Multiple Myeloma. Journal of Oncology Practice, 2018, 14, 561-564.	2.5	8
158	Editorial: HIV and Cancer Immunotherapy: Similar Challenges and Converging Approaches. Frontiers in Immunology, 2020, 11, 519.	2.2	7
159	Evaluation of Cellular and Serological Responses to Acute SARS-CoV-2 Infection Demonstrates the Functional Importance of the Receptor-Binding Domain. Journal of Immunology, 2021, 206, 2605-2613.	0.4	7
160	Evolving Views of Long Noncoding RNAs and Epigenomic Control of Lymphocyte State and Memory. Cold Spring Harbor Perspectives in Biology, 2022, 14, a037952.	2.3	6
161	Enhancing FcÎ³R-mediated antibody effector function during persistent viral infection. Science Immunology, 2018, 3, .	5.6	5
162	Retinopathy and Systemic Disease Morbidity in Severe COVID-19. Ocular Immunology and Inflammation, 2021, 29, 743-750.	1.0	5

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163	The Quest to Eradicate HPV-Related Oropharyngeal Carcinoma: An Opportunity Not to Miss. Journal of the National Cancer Institute, 2022, 114, 1333-1337.	3.0	5
164	Mission, Organization, and Future Direction of the Serological Sciences Network for COVID-19 (SeroNet) Epidemiologic Cohort Studies. Open Forum Infectious Diseases, 2022, 9, .	0.4	5
165	Immunological Memory and Infection. , 2014, , 175-189.		4
166	Characterization of Virus-specific Immune Response During Varicella Zoster Virus Encephalitis in a Young Adult. Clinical Infectious Diseases, 2019, 69, 348-351.	2.9	4
167	Harnessing Activin A Adjuvanticity to Promote Antibody Responses to BG505 HIV Envelope Trimers. Frontiers in Immunology, 2020, 11, 1213.	2.2	4
168	Influenza Vaccination Documentation Rates During the First Year After Diagnosis of Diffuse Large B Cell Lymphoma. Clinical Lymphoma, Myeloma and Leukemia, 2019, 19, 239-243.	0.2	4
169	Persistence of Virus-Specific Antibody after Depletion of Memory B Cells. Journal of Virology, 2022, 96, e0002622.	1.5	4
170	Regulation of T and B cell responses to chronic antigenic stimulation during Infection, autoimmunity and transplantation. Immunological Reviews, 2019, 292, 5-8.	2.8	3
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