

Rafi Ahmed

List of Publications by Year in descending order

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Version: 2024-02-01

186
papers

44,846
citations

5574

82
h-index

4015

176
g-index

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. <i>Nature</i> , 2006, 439, 682-687.	27.8	3,471
2	PD-1 expression on HIV-specific T cells is associated with T-cell exhaustion and disease progression. <i>Nature</i> , 2006, 443, 350-354.	27.8	2,380
3	Viral Immune Evasion Due to Persistence of Activated T Cells Without Effector Function. <i>Journal of Experimental Medicine</i> , 1998, 188, 2205-2213.	8.5	1,733
4	Molecular Signature of CD8+ T Cell Exhaustion during Chronic Viral Infection. <i>Immunity</i> , 2007, 27, 670-684.	14.3	1,695
5	Lineage relationship and protective immunity of memory CD8 T cell subsets. <i>Nature Immunology</i> , 2003, 4, 225-234.	14.5	1,621
6	Selective expression of the interleukin 7 receptor identifies effector CD8 T cells that give rise to long-lived memory cells. <i>Nature Immunology</i> , 2003, 4, 1191-1198.	14.5	1,605
7	Effector and memory T-cell differentiation: implications for vaccine development. <i>Nature Reviews Immunology</i> , 2002, 2, 251-262.	22.7	1,524
8	Defining CD8+ T cells that provide the proliferative burst after PD-1 therapy. <i>Nature</i> , 2016, 537, 417-421.	27.8	1,371
9	mTOR regulates memory CD8 T-cell differentiation. <i>Nature</i> , 2009, 460, 108-112.	27.8	1,346
10	Viral Persistence Alters CD8 T-Cell Immunodominance and Tissue Distribution and Results in Distinct Stages of Functional Impairment. <i>Journal of Virology</i> , 2003, 77, 4911-4927.	3.4	1,340
11	Memory CD8+ T cell differentiation: initial antigen encounter triggers a developmental program in naïve cells. <i>Nature Immunology</i> , 2001, 2, 415-422.	14.5	1,130
12	Humoral Immunity Due to Long-Lived Plasma Cells. <i>Immunity</i> , 1998, 8, 363-372.	14.3	1,105
13	Rapid cloning of high-affinity human monoclonal antibodies against influenza virus. <i>Nature</i> , 2008, 453, 667-671.	27.8	959
14	Molecular and Functional Profiling of Memory CD8 T Cell Differentiation. <i>Cell</i> , 2002, 111, 837-851.	28.9	873
15	Immunological mechanisms of vaccination. <i>Nature Immunology</i> , 2011, 12, 509-517.	14.5	790
16	Rescue of exhausted CD8 T cells by PD-1-targeted therapies is CD28-dependent. <i>Science</i> , 2017, 355, 1423-1427.	12.6	753
17	Enhancing SIV-specific immunity in vivo by PD-1 blockade. <i>Nature</i> , 2009, 458, 206-210.	27.8	699
18	Molecular signatures of antibody responses derived from a systems biology study of five human vaccines. <i>Nature Immunology</i> , 2014, 15, 195-204.	14.5	672

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19	Cytotoxic T-cell memory without antigen. <i>Nature</i> , 1994, 369, 648-652.	27.8	656
20	Proliferation of PD-1+ CD8 T cells in peripheral blood after PD-1-targeted therapy in lung cancer patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4993-4998.	7.1	614
21	Cutting Edge: Long-Term B Cell Memory in Humans after Smallpox Vaccination. <i>Journal of Immunology</i> , 2003, 171, 4969-4973.	0.8	604
22	Human Effector and Memory CD8+ T Cell Responses to Smallpox and Yellow Fever Vaccines. <i>Immunity</i> , 2008, 28, 710-722.	14.3	541
23	Functional and genomic profiling of effector CD8 T cell subsets with distinct memory fates. <i>Journal of Experimental Medicine</i> , 2008, 205, 625-640.	8.5	540
24	Human antibody responses after dengue virus infection are highly cross-reactive to Zika virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7852-7857.	7.1	479
25	Yellow fever vaccine YF-17D activates multiple dendritic cell subsets via TLR2, 7, 8, and 9 to stimulate polyvalent immunity. <i>Journal of Experimental Medicine</i> , 2006, 203, 413-424.	8.5	474
26	Rapid generation of fully human monoclonal antibodies specific to a vaccinating antigen. <i>Nature Protocols</i> , 2009, 4, 372-384.	12.0	458
27	CD8 T Cell Exhaustion in Chronic Infection and Cancer: Opportunities for Interventions. <i>Annual Review of Medicine</i> , 2018, 69, 301-318.	12.2	432
28	Rapid Generation of Neutralizing Antibody Responses in COVID-19 Patients. <i>Cell Reports Medicine</i> , 2020, 1, 100040.	6.5	421
29	Origin and differentiation of human memory CD8 T cells after vaccination. <i>Nature</i> , 2017, 552, 362-367.	27.8	412
30	Tracking human antigen-specific memory B cells: a sensitive and generalized ELISPOT system. <i>Journal of Immunological Methods</i> , 2004, 286, 111-122.	1.4	407
31	Effector CD8 T cells dedifferentiate into long-lived memory cells. <i>Nature</i> , 2017, 552, 404-409.	27.8	378
32	Pandemic H1N1 influenza vaccine induces a recall response in humans that favors broadly cross-reactive memory B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9047-9052.	7.1	371
33	Autophagy is essential for effector CD8+ T cell survival and memory formation. <i>Nature Immunology</i> , 2014, 15, 1152-1161.	14.5	367
34	Chronic Virus Infection Enforces Demethylation of the Locus that Encodes PD-1 in Antigen-Specific CD8+ T Cells. <i>Immunity</i> , 2011, 35, 400-412.	14.3	357
35	Immune history profoundly affects broadly protective B cell responses to influenza. <i>Science Translational Medicine</i> , 2015, 7, 316ra192.	12.4	353
36	Proliferating Transitory T Cells with an Effector-like Transcriptional Signature Emerge from PD-1+ Stem-like CD8+ T Cells during Chronic Infection. <i>Immunity</i> , 2019, 51, 1043-1058.e4.	14.3	353

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37	Defining antigen-specific plasmablast and memory B cell subsets in human blood after viral infection or vaccination. <i>Nature Immunology</i> , 2016, 17, 1226-1234.	14.5	348
38	Role of PD-1 during effector CD8 T cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4749-4754.	7.1	327
39	CXCL13 is a plasma biomarker of germinal center activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2702-2707.	7.1	322
40	Longitudinal analysis shows durable and broad immune memory after SARS-CoV-2 infection with persisting antibody responses and memory B and T cells. <i>Cell Reports Medicine</i> , 2021, 2, 100354.	6.5	316
41	Influenza Infection in Humans Induces Broadly Cross-Reactive and Protective Neuraminidase-Reactive Antibodies. <i>Cell</i> , 2018, 173, 417-429.e10.	28.9	295
42	Systems Analysis of Immunity to Influenza Vaccination across Multiple Years and in Diverse Populations Reveals Shared Molecular Signatures. <i>Immunity</i> , 2015, 43, 1186-1198.	14.3	286
43	IgG antibodies to dengue enhanced for Fc γ RIIIA binding determine disease severity. <i>Science</i> , 2017, 355, 395-398.	12.6	286
44	Long-lived plasma cells: a mechanism for maintaining persistent antibody production. <i>Current Opinion in Immunology</i> , 1998, 10, 252-258.	5.5	277
45	Comparison of the toxicity profile of PD-1 versus PD-L1 inhibitors in non-small cell lung cancer: A systematic analysis of the literature. <i>Cancer</i> , 2018, 124, 271-277.	4.1	265
46	Strength of PD-1 signaling differentially affects T-cell effector functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2480-9.	7.1	242
47	Metabolic Phenotypes of Response to Vaccination in Humans. <i>Cell</i> , 2017, 169, 862-877.e17.	28.9	234
48	Dengue Virus Infection Induces Expansion of a CD14 ⁺ CD16 ⁺ Monocyte Population that Stimulates Plasmablast Differentiation. <i>Cell Host and Microbe</i> , 2014, 16, 115-127.	11.0	220
49	Simply put: Vaccination saves lives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4031-4033.	7.1	219
50	Potential antigenic explanation for atypical H1N1 infections among middle-aged adults during the 2013-2014 influenza season. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15798-15803.	7.1	203
51	Enhancing therapeutic vaccination by blocking PD-1-mediated inhibitory signals during chronic infection. <i>Journal of Experimental Medicine</i> , 2008, 205, 543-555.	8.5	201
52	Infection- and vaccine-induced antibody binding and neutralization of the B.1.351 SARS-CoV-2 variant. <i>Cell Host and Microbe</i> , 2021, 29, 516-521.e3.	11.0	199
53	Differentiating between Memory and Effector Cd8 T Cells by Altered Expression of Cell Surface O-Glycans. <i>Journal of Experimental Medicine</i> , 2000, 191, 1241-1246.	8.5	191
54	Protective immunity and susceptibility to infectious diseases: lessons from the 1918 influenza pandemic. <i>Nature Immunology</i> , 2007, 8, 1188-1193.	14.5	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. <i>Journal of Experimental Medicine</i> , 2014, 211, 1905-1918.	8.5	182
56	Systematic Analysis of Monoclonal Antibodies against Ebola Virus GP Defines Features that Contribute to Protection. <i>Cell</i> , 2018, 174, 938-952.e13.	28.9	173
57	Anti-HA Glycoforms Drive B Cell Affinity Selection and Determine Influenza Vaccine Efficacy. <i>Cell</i> , 2015, 162, 160-169.	28.9	171
58	An IL-27/NFIL3 signalling axis drives Tim-3 and IL-10 expression and T-cell dysfunction. <i>Nature Communications</i> , 2015, 6, 6072.	12.8	169
59	Global DNA Methylation Remodeling Accompanies CD8 T Cell Effector Function. <i>Journal of Immunology</i> , 2013, 191, 3419-3429.	0.8	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14113-14118.	7.1	157
61	Longitudinal Analysis of the Human B Cell Response to Ebola Virus Infection. <i>Cell</i> , 2019, 177, 1566-1582.e17.	28.9	153
62	Functional HPV-specific PD-1+ stem-like CD8 T cells in head and neck cancer. <i>Nature</i> , 2021, 597, 279-284.	27.8	153
63	Direct Probing of Germinal Center Responses Reveals Immunological Features and Bottlenecks for Neutralizing Antibody Responses to HIV Env Trimer. <i>Cell Reports</i> , 2016, 17, 2195-2209.	6.4	150
64	A Direct Comparison of in Vitro and in Vivo Nucleic Acid Delivery Mediated by Hundreds of Nanoparticles Reveals a Weak Correlation. <i>Nano Letters</i> , 2018, 18, 2148-2157.	9.1	138
65	NF- κ B Regulates PD-1 Expression in Macrophages. <i>Journal of Immunology</i> , 2015, 194, 4545-4554.	0.8	134
66	Auto-antibodies to type I IFNs can underlie adverse reactions to yellow fever live attenuated vaccine. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	130
67	PD-L1 has distinct functions in hematopoietic and nonhematopoietic cells in regulating T cell responses during chronic infection in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 2508-2515.	8.2	129
68	Translation is actively regulated during the differentiation of CD8+ effector T cells. <i>Nature Immunology</i> , 2017, 18, 1046-1057.	14.5	126
69	Impact of Epitope Escape on PD-1 Expression and CD8 T-Cell Exhaustion during Chronic Infection. <i>Journal of Virology</i> , 2009, 83, 4386-4394.	3.4	125
70	Neutralizing Antibodies Against SARS-CoV-2 Variants After Infection and Vaccination. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1896.	7.4	125
71	Influenza Virus Vaccination Elicits Poorly Adapted B Cell Responses in Elderly Individuals. <i>Cell Host and Microbe</i> , 2019, 25, 357-366.e6.	11.0	124
72	Memory T Follicular Helper CD4 T Cells. <i>Frontiers in Immunology</i> , 2015, 6, 16.	4.8	122

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73	Defining HPV-specific B cell responses in patients with head and neck cancer. <i>Nature</i> , 2021, 597, 274-278.	27.8	122
74	Dynamics of SIV-specific CXCR5+ CD8 T cells during chronic SIV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1976-1981.	7.1	119
75	Case of Yellow Fever Vaccine-associated Viscerotropic Disease with Prolonged Viremia, Robust Adaptive Immune Responses, and Polymorphisms in CCR5 and RANTES Genes. <i>Journal of Infectious Diseases</i> , 2008, 198, 500-507.	4.0	114
76	Reservoir Host Immune Responses to Emerging Zoonotic Viruses. <i>Cell</i> , 2015, 160, 20-35.	28.9	114
77	Initial viral load determines the magnitude of the human CD8 T cell response to yellow fever vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3050-3055.	7.1	111
78	B Cell Responses during Secondary Dengue Virus Infection Are Dominated by Highly Cross-Reactive, Memory-Derived Plasmablasts. <i>Journal of Virology</i> , 2016, 90, 5574-5585.	3.4	111
79	Limiting dilution analysis of virus-specific memory B cells by an ELISPOT assay. <i>Journal of Immunological Methods</i> , 1996, 199, 37-46.	1.4	95
80	Humoral cross-reactivity between Zika and dengue viruses: implications for protection and pathology. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-6.	6.5	93
81	Characterization of Human CD8 T Cell Responses in Dengue Virus-Infected Patients from India. <i>Journal of Virology</i> , 2016, 90, 11259-11278.	3.4	92
82	Interleukin-21 Is a Critical Cytokine for the Generation of Virus-Specific Long-Lived Plasma Cells. <i>Journal of Virology</i> , 2013, 87, 7737-7746.	3.4	90
83	3M-052, a synthetic TLR-7/8 agonist, induces durable HIV-1 envelope-specific plasma cells and humoral immunity in nonhuman primates. <i>Science Immunology</i> , 2020, 5, .	11.9	90
84	Interleukin-4 acts at the locus of the antigen-presenting dendritic cell to counter-regulate cytotoxic CD8+ T-cell responses. <i>Nature Medicine</i> , 2001, 7, 206-214.	30.7	85
85	PD-1+ stemlike CD8 T cells are resident in lymphoid tissues during persistent LCMV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4292-4299.	7.1	85
86	Combination anti-PD-1 and antiretroviral therapy provides therapeutic benefit against SIV. <i>JCI Insight</i> , 2018, 3, .	5.0	83
87	Reinvigorating Exhausted T Cells by Blockade of the PD-1 Pathway. <i>Forum on Immunopathological Diseases and Therapeutics</i> , 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. <i>Cell Reports</i> , 2018, 25, 2148-2162.e5.	6.4	80
90	Multi-epitope Models Explain How Pre-existing Antibodies Affect the Generation of Broadly Protective Responses to Influenza. <i>PLoS Pathogens</i> , 2016, 12, e1005692.	4.7	79

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91	Influenza vaccine-induced human bone marrow plasma cells decline within a year after vaccination. <i>Science</i> , 2020, 370, 237-241.	12.6	77
92	Vaccine-elicited CD4 T cells induce immunopathology after chronic LCMV infection. <i>Science</i> , 2015, 347, 278-282.	12.6	71
93	Demethylation of the PD-1 Promoter Is Imprinted during the Effector Phase of CD8 T Cell Exhaustion. <i>Journal of Virology</i> , 2016, 90, 8934-8946.	3.4	69
94	Low-dose whole-body radiation for COVID-19 pneumonia: Planned day 7 interim analysis of a registered clinical trial. <i>Cancer</i> , 2020, 126, 5109-5113.	4.1	69
95	Antiviral CD4 and CD8 T cell memory: differences in the size of the response and activation requirements. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000, 355, 373-379.	4.0	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. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006191.	3.0	67
97	Identification of an Evolutionarily Conserved Transcriptional Signature of CD8 Memory Differentiation That Is Shared by T and B Cells. <i>Journal of Immunology</i> , 2008, 181, 1859-1868.	0.8	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. <i>Journal of Virology</i> , 2001, 75, 5099-5107.	3.4	61
99	Masking of antigenic epitopes by antibodies shapes the humoral immune response to influenza. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140248.	4.0	61
100	Reversal of virus-induced systemic shock and respiratory failure by blockade of the lymphotoxin pathway. <i>Nature Medicine</i> , 1999, 5, 1370-1374.	30.7	60
101	Antibody Effector Functions Mediated by Fcγ3-Receptors Are Compromised during Persistent Viral Infection. <i>Immunity</i> , 2015, 42, 367-378.	14.3	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. <i>Journal of Virology</i> , 2005, 79, 10003-10012.	3.4	58
103	The Magnitude of IFN-β Responses Is Fine-Tuned by DNA Architecture and the Non-coding Transcript of lfn-as1. <i>Molecular Cell</i> , 2019, 75, 1229-1242.e5.	9.7	58
104	Two heads better than one? Ipilimumab immunotherapy and radiation therapy for melanoma brain metastases. <i>Neuro-Oncology</i> , 2015, 17, 1312-1321.	1.2	57
105	Antigenic Drift of the Influenza A(H1N1)pdm09 Virus Neuraminidase Results in Reduced Effectiveness of A/California/7/2009 (H1N1pdm09)-Specific Antibodies. <i>MBio</i> , 2019, 10, .	4.1	57
106	Adjuvanted H5N1 influenza vaccine enhances both cross-reactive memory B cell and strain-specific naive B cell responses in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17957-17964.	7.1	57
107	Lymphoid tissue fibrosis is associated with impaired vaccine responses. <i>Journal of Clinical Investigation</i> , 2018, 128, 2763-2773.	8.2	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. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 1767-1776.	4.2	51

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109	Long-Term Antibody Production Is Sustained by Antibody-Secreting Cells in the Bone Marrow following Acute Viral Infection. <i>Annals of the New York Academy of Sciences</i> , 1996, 797, 166-176.	3.8	50
110	Broad Hemagglutinin-Specific Memory B Cell Expansion by Seasonal Influenza Virus Infection Reflects Early-Life Imprinting and Adaptation to the Infecting Virus. <i>Journal of Virology</i> , 2019, 93, .	3.4	50
111	Immunization with Live Attenuated Influenza Viruses That Express Altered NS1 Proteins Results in Potent and Protective Memory CD8 ⁺ T-Cell Responses. <i>Journal of Virology</i> , 2010, 84, 1847-1855.	3.4	48
112	Malaria Induces Anemia through CD8 ⁺ T Cell-Dependent Parasite Clearance and Erythrocyte Removal in the Spleen. <i>MBio</i> , 2015, 6, .	4.1	46
113	Expression of novel long noncoding RNAs defines virus-specific effector and memory CD8 ⁺ T cells. <i>Nature Communications</i> , 2019, 10, 196.	12.8	42
114	mTOR Promotes Antiviral Humoral Immunity by Differentially Regulating CD4 Helper T Cell and B Cell Responses. <i>Journal of Virology</i> , 2017, 91, .	3.4	41
115	PD-1 suppresses TCR-CD8 cooperativity during T-cell antigen recognition. <i>Nature Communications</i> , 2021, 12, 2746.	12.8	41
116	Cytokine-Mediated Regulation of CD8 T-Cell Responses During Acute and Chronic Viral Infection. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a028464.	5.5	38
117	Programmed Cell Death 1-Directed Immunotherapy for Enhancing T-Cell Function. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2013, 78, 239-247.	1.1	38
118	Broadly Reactive Human CD8 T Cells that Recognize an Epitope Conserved between VZV, HSV and EBV. <i>PLoS Pathogens</i> , 2014, 10, e1004008.	4.7	36
119	Recombinant <i>Listeria monocytogenes</i> as a live vaccine vehicle and a probe for studying cell-mediated immunity. <i>Immunological Reviews</i> , 1997, 158, 147-157.	6.0	35
120	Qualitatively Different Memory CD8 ⁺ T Cells Are Generated after Lymphocytic Choriomeningitis Virus and Influenza Virus Infections. <i>Journal of Immunology</i> , 2010, 185, 2182-2190.	0.8	35
121	High Affinity Antibodies against Influenza Characterize the Plasmablast Response in SLE Patients After Vaccination. <i>PLoS ONE</i> , 2015, 10, e0125618.	2.5	35
122	Humoral Immune Responses Against Zika Virus Infection and the Importance of Preexisting Flavivirus Immunity. <i>Journal of Infectious Diseases</i> , 2017, 216, S906-S911.	4.0	34
123	Broadly Reactive Human Monoclonal Antibodies Elicited following Pandemic H1N1 Influenza Virus Exposure Protect Mice against Highly Pathogenic H5N1 Challenge. <i>Journal of Virology</i> , 2018, 92, .	3.4	33
124	Determinants of Neutralizing Antibody Response After SARS CoV-2 Vaccination in Patients With Myeloma. <i>Journal of Clinical Oncology</i> , 2022, 40, 3057-3064.	1.6	31
125	Decreased humoral immunity to mumps in young adults immunized with MMR vaccine in childhood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19071-19076.	7.1	30
126	Heat Shock Protein-90 Inhibition Alters Activation of Pancreatic Stellate Cells and Enhances the Efficacy of PD-1 Blockade in Pancreatic Cancer. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 150-160.	4.1	30

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127	Distinct phenotypic states and spatial distribution of CD8+ T cell clonotypes in human brain metastases. <i>Cell Reports Medicine</i> , 2022, 3, 100620.	6.5	29
128	Beyond adjuvants: Immunomodulation strategies to enhance T cell immunity. <i>Vaccine</i> , 2015, 33, B21-B28.	3.8	28
129	Cutting Edge: miR-17-92 Is Required for Both CD4 Th1 and T Follicular Helper Cell Responses during Viral Infection. <i>Journal of Immunology</i> , 2015, 195, 2515-2519.	0.8	28
130	Immune checkpoint modulation enhances HIV-1 antibody induction. <i>Nature Communications</i> , 2020, 11, 948.	12.8	27
131	Pre-existing SARS-CoV-2 immunity influences potency, breadth, and durability of the humoral response to SARS-CoV-2 vaccination. <i>Cell Reports Medicine</i> , 2022, 3, 100603.	6.5	27
132	Asymmetric and non-stoichiometric glycoprotein recognition by two distinct antibodies results in broad protection against ebolaviruses. <i>Cell</i> , 2022, 185, 995-1007.e18.	28.9	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. <i>Journal of Clinical Oncology</i> , 2022, 40, 3020-3031.	1.6	26
134	Characterization of neutralizing versus binding antibodies and memory B cells in COVID-19 recovered individuals from India. <i>Virology</i> , 2021, 558, 13-21.	2.4	24
135	Breadth and Functionality of Varicella-Zoster Virus Glycoprotein-Specific Antibodies Identified after Zostavax Vaccination in Humans. <i>Journal of Virology</i> , 2018, 92, .	3.4	23
136	The economy of T-cell memory: CD4+ recession in times of CD8+ stability?. <i>Nature Medicine</i> , 2001, 7, 892-893.	30.7	22
137	Exosome-Containing Preparations From Postirradiated Mouse Melanoma Cells Delay Melanoma Growth In Vivo by a Natural Killer Cell-Dependent Mechanism. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 104-114.	0.8	22
138	In vivo mRNA delivery to virus-specific T cells by light-induced ligand exchange of MHC class I antigen-presenting nanoparticles. <i>Science Advances</i> , 2022, 8, eabm7950.	10.3	22
139	PD-1 blockade and vaccination provide therapeutic benefit against SIV by inducing broad and functional CD8 ⁺ T cells in lymphoid tissue. <i>Science Immunology</i> , 2021, 6, eabh3034.	11.9	20
140	Viral Immunity and Vaccines in Hematologic Malignancies: Implications for COVID-19. <i>Blood Cancer Discovery</i> , 2021, 2, 9-12.	5.0	20
141	Immunological Memory. <i>Immunological Reviews</i> , 2006, 211, 5-7.	6.0	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. <i>Journal of Clinical Oncology</i> , 2022, 40, 3808-3816.	1.6	19
143	Understanding the immunology of the Zostavax shingles vaccine. <i>Current Opinion in Immunology</i> , 2019, 59, 25-30.	5.5	18
144	T Cell Receptor Diversity and Lineage Relationship between Virus-Specific CD8 T Cell Subsets during Chronic Lymphocytic Choriomeningitis Virus Infection. <i>Journal of Virology</i> , 2020, 94, .	3.4	17

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145	Fc Receptors in Antimicrobial Protection. <i>Current Topics in Microbiology and Immunology</i> , 2019, 423, 119-150.	1.1	15
146	Influenza Immunization in the Context of Preexisting Immunity. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 11, a040964.	6.2	15
147	Persistence of Varicella-Zoster Virus-Specific Plasma Cells in Adult Human Bone Marrow following Childhood Vaccination. <i>Journal of Virology</i> , 2020, 94, .	3.4	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 remdesivir. <i>Radiotherapy and Oncology</i> , 2021, 165, 20-31.	0.6	13
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