

Adrian B Mcdermott

List of Publications by Year in descending order

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Version: 2024-02-01

140
papers

18,733
citations

19608

61
h-index

15683

125
g-index

169
all docs

169
docs citations

169
times ranked

21748
citing authors

#	ARTICLE	IF	CITATIONS
1	An mRNA Vaccine against SARS-CoV-2 – Preliminary Report. <i>New England Journal of Medicine</i> , 2020, 383, 1920-1931.	13.9	2,719
2	Safety and Immunogenicity of SARS-CoV-2 mRNA-1273 Vaccine in Older Adults. <i>New England Journal of Medicine</i> , 2020, 383, 2427-2438.	13.9	1,242
3	Evaluation of the mRNA-1273 Vaccine against SARS-CoV-2 in Nonhuman Primates. <i>New England Journal of Medicine</i> , 2020, 383, 1544-1555.	13.9	936
4	Immune correlates analysis of the mRNA-1273 COVID-19 vaccine efficacy clinical trial. <i>Science</i> , 2022, 375, 43-50.	6.0	788
5	Durability of Responses after SARS-CoV-2 mRNA-1273 Vaccination. <i>New England Journal of Medicine</i> , 2021, 384, 80-82.	13.9	665
6	Antibody Persistence through 6 Months after the Second Dose of mRNA-1273 Vaccine for Covid-19. <i>New England Journal of Medicine</i> , 2021, 384, 2259-2261.	13.9	603
7	Durability of mRNA-1273 vaccine-induced antibodies against SARS-CoV-2 variants. <i>Science</i> , 2021, 373, 1372-1377.	6.0	459
8	Homologous and Heterologous Covid-19 Booster Vaccinations. <i>New England Journal of Medicine</i> , 2022, 386, 1046-1057.	13.9	418
9	Virologic effects of broadly neutralizing antibody VRC01 administration during chronic HIV-1 infection. <i>Science Translational Medicine</i> , 2015, 7, 319ra206.	5.8	390
10	Crystal structure, conformational fixation and entry-related interactions of mature ligand-free HIV-1 Env. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 522-531.	3.6	333
11	Rational Design of an Epstein-Barr Virus Vaccine Targeting the Receptor-Binding Site. <i>Cell</i> , 2015, 162, 1090-1100.	13.5	278
12	Vaccine-Induced Antibodies that Neutralize Group 1 and Group 2 Influenza A Viruses. <i>Cell</i> , 2016, 166, 609-623.	13.5	270
13	Epitope-based vaccine design yields fusion peptide-directed antibodies that neutralize diverse strains of HIV-1. <i>Nature Medicine</i> , 2018, 24, 857-867.	15.2	256
14	Attenuation of Simian Immunodeficiency Virus SIVmac239 Infection by Prophylactic Immunization with DNA and Recombinant Adenoviral Vaccine Vectors Expressing Gag. <i>Journal of Virology</i> , 2005, 79, 15547-15555.	1.5	249
15	Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. <i>Science</i> , 2021, 373, eabj0299.	6.0	244
16	Vaccine-Induced Cellular Immune Responses Reduce Plasma Viral Concentrations after Repeated Low-Dose Challenge with Pathogenic Simian Immunodeficiency Virus SIVmac239. <i>Journal of Virology</i> , 2006, 80, 5875-5885.	1.5	237
17	HIV vaccine design: insights from live attenuated SIV vaccines. <i>Nature Immunology</i> , 2006, 7, 19-23.	7.0	235
18	A human monoclonal antibody prevents malaria infection by targeting a new site of vulnerability on the parasite. <i>Nature Medicine</i> , 2018, 24, 408-416.	15.2	235

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19	Safety, pharmacokinetics and neutralization of the broadly neutralizing HIV-1 human monoclonal antibody VRC01 in healthy adults. <i>Clinical and Experimental Immunology</i> , 2015, 182, 289-301.	1.1	222
20	Flow Cytometry Reveals that H5N1 Vaccination Elicits Cross-Reactive Stem-Directed Antibodies from Multiple Ig Heavy-Chain Lineages. <i>Journal of Virology</i> , 2014, 88, 4047-4057.	1.5	220
21	Defining B cell immunodominance to viruses. <i>Nature Immunology</i> , 2017, 18, 456-463.	7.0	218
22	Mosaic nanoparticle display of diverse influenza virus hemagglutinins elicits broad B cell responses. <i>Nature Immunology</i> , 2019, 20, 362-372.	7.0	211
23	Adjuvant-dependent innate and adaptive immune signatures of risk of SIVmac251 acquisition. <i>Nature Medicine</i> , 2016, 22, 762-770.	15.2	197
24	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits similar B cell expansion, neutralizing responses, and protection from Omicron. <i>Cell</i> , 2022, 185, 1556-1571.e18.	13.5	179
25	Safety and pharmacokinetics of the Fc-modified HIV-1 human monoclonal antibody VRC01LS: A Phase 1 open-label clinical trial in healthy adults. <i>PLoS Medicine</i> , 2018, 15, e1002493.	3.9	174
26	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. <i>Science</i> , 2021, 373, .	6.0	174
27	Major Histocompatibility Complex Class I Alleles Associated with Slow Simian Immunodeficiency Virus Disease Progression Bind Epitopes Recognized by Dominant Acute-Phase Cytotoxic-T-Lymphocyte Responses. <i>Journal of Virology</i> , 2003, 77, 9029-9040.	1.5	170
28	Structures of HIV-1 Env V1V2 with broadly neutralizing antibodies reveal commonalities that enable vaccine design. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 81-90.	3.6	162
29	Quantification of the Impact of the HIV-1-Glycan Shield on Antibody Elicitation. <i>Cell Reports</i> , 2017, 19, 719-732.	2.9	160
30	Associating HIV-1 envelope glycoprotein structures with states on the virus observed by smFRET. <i>Nature</i> , 2019, 568, 415-419.	13.7	156
31	Loss of Circulating CD4 T Cells with B Cell Helper Function during Chronic HIV Infection. <i>PLoS Pathogens</i> , 2014, 10, e1003853.	2.1	153
32	A novel technique for the fluorometric assessment of T lymphocyte antigen specific lysis. <i>Journal of Immunological Methods</i> , 2001, 249, 99-110.	0.6	150
33	Immune correlates analysis of the mRNA-1273 COVID-19 vaccine efficacy clinical trial. <i>Science</i> , 2021, , eab3435.	6.0	145
34	The Transcription Factor T-bet Resolves Memory B Cell Subsets with Distinct Tissue Distributions and Antibody Specificities in Mice and Humans. <i>Immunity</i> , 2020, 52, 842-855.e6.	6.6	144
35	Macaques vaccinated with live-attenuated SIV control replication of heterologous virus. <i>Journal of Experimental Medicine</i> , 2008, 205, 2537-2550.	4.2	139
36	Follicular CD8 T cells accumulate in HIV infection and can kill infected cells in vitro via bispecific antibodies. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	135

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37	Lymph node T cell responses predict the efficacy of live attenuated SIV vaccines. <i>Nature Medicine</i> , 2012, 18, 1673-1681.	15.2	130
38	Abnormal B cell memory subsets dominate HIV-specific responses in infected individuals. <i>Journal of Clinical Investigation</i> , 2014, 124, 3252-3262.	3.9	130
39	Single-Chain Soluble BG505.SOSIP gp140 Trimers as Structural and Antigenic Mimics of Mature Closed HIV-1 Env. <i>Journal of Virology</i> , 2015, 89, 5318-5329.	1.5	125
40	Quality and quantity of T _{FH} cells are critical for broad antibody development in SHIV _{AD8} infection. <i>Science Translational Medicine</i> , 2015, 7, 298ra120.	5.8	119
41	Defining the risk of SARS-CoV-2 variants on immune protection. <i>Nature</i> , 2022, 605, 640-652.	13.7	117
42	Crystal structures of trimeric HIV envelope with entry inhibitors BMS-378806 and BMS-626529. <i>Nature Chemical Biology</i> , 2017, 13, 1115-1122.	3.9	110
43	Activation Dynamics and Immunoglobulin Evolution of Pre-existing and Newly Generated Human Memory B cell Responses to Influenza Hemagglutinin. <i>Immunity</i> , 2019, 51, 398-410.e5.	6.6	107
44	Immunization with Components of the Viral Fusion Apparatus Elicits Antibodies That Neutralize Epstein-Barr Virus in B Cells and Epithelial Cells. <i>Immunity</i> , 2019, 50, 1305-1316.e6.	6.6	107
45	Contribution of human leukocyte antigens to the antibody response to hepatitis B vaccination. <i>Tissue Antigens</i> , 1997, 50, 8-14.	1.0	102
46	Safety, tolerability, pharmacokinetics, and immunogenicity of the therapeutic monoclonal antibody mAb114 targeting Ebola virus glycoprotein (VRC 608): an open-label phase 1 study. <i>Lancet</i> , 2019, 393, 889-898.	6.3	99
47	Repeated Low-Dose Mucosal Simian Immunodeficiency Virus SIVmac239 Challenge Results in the Same Viral and Immunological Kinetics as High-Dose Challenge: a Model for the Evaluation of Vaccine Efficacy in Nonhuman Primates. <i>Journal of Virology</i> , 2004, 78, 3140-3144.	1.5	95
48	A Monoclonal Antibody for Malaria Prevention. <i>New England Journal of Medicine</i> , 2021, 385, 803-814.	13.9	95
49	A Dominant Role for CD8 + -T-Lymphocyte Selection in Simian Immunodeficiency Virus Sequence Variation. <i>Journal of Virology</i> , 2004, 78, 14012-14022.	1.5	89
50	Design of Nanoparticulate Group 2 Influenza Virus Hemagglutinin Stem Antigens That Activate Unmutated Ancestor B Cell Receptors of Broadly Neutralizing Antibody Lineages. <i>MBio</i> , 2019, 10, .	1.8	88
51	Preferential induction of cross-group influenza A hemagglutinin stem-specific memory B cells after H7N9 immunization in humans. <i>Science Immunology</i> , 2017, 2, .	5.6	84
52	H5N1 Vaccine Elicited Memory B Cells Are Genetically Constrained by the IGHV Locus in the Recognition of a Neutralizing Epitope in the Hemagglutinin Stem. <i>Journal of Immunology</i> , 2015, 195, 602-610.	0.4	83
53	The aryl hydrocarbon receptor controls cell-fate decisions in B cells. <i>Journal of Experimental Medicine</i> , 2017, 214, 197-208.	4.2	83
54	Protection against SARS-CoV-2 Beta variant in mRNA-1273 vaccine boosted nonhuman primates. <i>Science</i> , 2021, 374, 1343-1353.	6.0	83

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55	Structure-Based Design of a Soluble Prefusion-Closed HIV-1 Env Trimer with Reduced CD4 Affinity and Improved Immunogenicity. <i>Journal of Virology</i> , 2017, 91, .	1.5	81
56	AZD1222/ChAdOx1 nCoV-19 vaccination induces a polyfunctional spike protein-specific T _H 1 response with a diverse TCR repertoire. <i>Science Translational Medicine</i> , 2021, 13, eabj7211.	5.8	80
57	A multiclade env-gag VLP mRNA vaccine elicits tier-2 HIV-1-neutralizing antibodies and reduces the risk of heterologous SHIV infection in macaques. <i>Nature Medicine</i> , 2021, 27, 2234-2245.	15.2	80
58	Longitudinal Analysis Reveals Early Development of Three MPER-Directed Neutralizing Antibody Lineages from an HIV-1-Infected Individual. <i>Immunity</i> , 2019, 50, 677-691.e13.	6.6	77
59	Reversible Reprogramming of Circulating Memory T Follicular Helper Cell Function during Chronic HIV Infection. <i>Journal of Immunology</i> , 2015, 195, 5625-5636.	0.4	74
60	Safety and efficacy of VRC01 broadly neutralising antibodies in adults with acutely treated HIV (RV397): a phase 2, randomised, double-blind, placebo-controlled trial. <i>Lancet HIV</i> , 2019, 6, e297-e306.	2.1	73
61	CD8+ T cells in preventing HIV infection and disease. <i>Aids</i> , 2012, 26, 1281-1292.	1.0	71
62	Soluble Prefusion Closed DS-SOSIP.664-Env Trimers of Diverse HIV-1 Strains. <i>Cell Reports</i> , 2017, 21, 2992-3002.	2.9	69
63	Hemagglutinin of Influenza A Virus Antagonizes Type I Interferon (IFN) Responses by Inducing Degradation of Type I IFN Receptor 1. <i>Journal of Virology</i> , 2016, 90, 2403-2417.	1.5	68
64	Safety and pharmacokinetics of broadly neutralising human monoclonal antibody VRC07-523LS in healthy adults: a phase 1 dose-escalation clinical trial. <i>Lancet HIV</i> , 2019, 6, e667-e679.	2.1	67
65	Overexpression of T-bet in HIV infection is associated with accumulation of B cells outside germinal centers and poor affinity maturation. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	65
66	Safety and immunogenicity of a ferritin nanoparticle H2 influenza vaccine in healthy adults: a phase 1 trial. <i>Nature Medicine</i> , 2022, 28, 383-391.	15.2	65
67	Enhanced Control of Pathogenic Simian Immunodeficiency Virus SIVmac239 Replication in Macaques Immunized with an Interleukin-12 Plasmid and a DNA Prime-Viral Vector Boost Vaccine Regimen. <i>Journal of Virology</i> , 2011, 85, 9578-9587.	1.5	63
68	Variant SARS-CoV-2 mRNA vaccines confer broad neutralization as primary or booster series in mice. <i>Vaccine</i> , 2021, 39, 7394-7400.	1.7	63
69	Potent Zika and dengue cross-neutralizing antibodies induced by Zika vaccination in a dengue-experienced donor. <i>Nature Medicine</i> , 2020, 26, 228-235.	15.2	61
70	The TRIM5 α Genotype of Rhesus Macaques Affects Acquisition of Simian Immunodeficiency Virus SIVsmE660 Infection after Repeated Limiting-Dose Intrarectal Challenge. <i>Journal of Virology</i> , 2011, 85, 9637-9640.	1.5	60
71	Development and deployment of COVID-19 vaccines for those most vulnerable. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	60
72	Macaques Vaccinated with Simian Immunodeficiency Virus SIVmac239 Δ nef Delay Acquisition and Control Replication after Repeated Low-Dose Heterologous SIV Challenge. <i>Journal of Virology</i> , 2010, 84, 9190-9199.	1.5	58

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73	Immunogenicity of a Prefusion HIV-1 Envelope Trimer in Complex with a Quaternary-Structure-Specific Antibody. <i>Journal of Virology</i> , 2016, 90, 2740-2755.	1.5	58
74	Outflanking immunodominance to target subdominant broadly neutralizing epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13474-13479.	3.3	57
75	mRNA-1273 protects against SARS-CoV-2 beta infection in nonhuman primates. <i>Nature Immunology</i> , 2021, 22, 1306-1315.	7.0	57
76	Protective antibodies elicited by SARS-CoV-2 spike protein vaccination are boosted in the lung after challenge in nonhuman primates. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	56
77	Cytotoxic T-Lymphocyte Escape Does Not Always Explain the Transient Control of Simian Immunodeficiency Virus SIVmac239 Viremia in Adenovirus-Boosted and DNA-Primed Mamu-A*01-Positive Rhesus Macaques. <i>Journal of Virology</i> , 2005, 79, 15556-15566.	1.5	53
78	A Global Immunological Observatory to meet a time of pandemics. <i>ELife</i> , 2020, 9, .	2.8	52
79	<i>Plasmodium falciparum</i> specific IgM B cells dominate in children, expand with malaria, and produce functional IgM. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	44
80	Maintenance of HIV-Specific Memory B-Cell Responses in Elite Controllers Despite Low Viral Burdens. <i>Journal of Infectious Diseases</i> , 2016, 214, 390-398.	1.9	43
81	Accumulation of follicular CD8+ T cells in pathogenic SIV infection. <i>Journal of Clinical Investigation</i> , 2018, 128, 2089-2103.	3.9	43
82	A comprehensive influenza reporter virus panel for high-throughput deep profiling of neutralizing antibodies. <i>Nature Communications</i> , 2021, 12, 1722.	5.8	41
83	Prolonged evolution of the memory B cell response induced by a replicating adenovirus-influenza H5 vaccine. <i>Science Immunology</i> , 2019, 4, .	5.6	40
84	A majority of uninfected adults show preexisting antibody reactivity against SARS-CoV-2. <i>JCI Insight</i> , 2021, 6, .	2.3	39
85	Quantitative Multiplexed Imaging Analysis Reveals a Strong Association between Immunogen-Specific B Cell Responses and Tonsillar Germinal Center Immune Dynamics in Children after Influenza Vaccination. <i>Journal of Immunology</i> , 2018, 200, 538-550.	0.4	38
86	Virus Inhibition Activity of Effector Memory CD8 ⁺ T Cells Determines Simian Immunodeficiency Virus Load in Vaccinated Monkeys after Vaccine Breakthrough Infection. <i>Journal of Virology</i> , 2012, 86, 5877-5884.	1.5	37
87	Vectored delivery of anti-SIV envelope targeting mAb via AAV8 protects rhesus macaques from repeated limiting dose intrarectal swarm SIVsmE660 challenge. <i>PLoS Pathogens</i> , 2018, 14, e1007395.	2.1	37
88	Glycan repositioning of influenza hemagglutinin stem facilitates the elicitation of protective cross-group antibody responses. <i>Nature Communications</i> , 2020, 11, 791.	5.8	36
89	Consequences of Cytotoxic T-Lymphocyte Escape: Common Escape Mutations in Simian Immunodeficiency Virus Are Poorly Recognized in Naïve Hosts. <i>Journal of Virology</i> , 2004, 78, 10064-10073.	1.5	35
90	Head-to-Head Comparison of Poxvirus NYVAC and ALVAC Vectors Expressing Identical HIV-1 Clade C Immunogens in Prime-Boost Combination with Env Protein in Nonhuman Primates. <i>Journal of Virology</i> , 2015, 89, 8525-8539.	1.5	35

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91	A Simple Flow-Cytometric Method Measuring B Cell Surface Immunoglobulin Avidity Enables Characterization of Affinity Maturation to Influenza A Virus. <i>MBio</i> , 2015, 6, e01156.	1.8	34
92	Is It Possible to Develop a “Universal” Influenza Virus Vaccine?. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a029413.	2.3	34
93	Safety and tolerability of AAV8 delivery of a broadly neutralizing antibody in adults living with HIV: a phase 1, dose-escalation trial. <i>Nature Medicine</i> , 2022, 28, 1022-1030.	15.2	34
94	Intranasal Live Influenza Vaccine Priming Elicits Localized B Cell Responses in Mediastinal Lymph Nodes. <i>Journal of Virology</i> , 2018, 92, .	1.5	30
95	Reconstituted B cell receptor signaling reveals carbohydrate-dependent mode of activation. <i>Scientific Reports</i> , 2016, 6, 36298.	1.6	29
96	AIDS Vaccines and Preexposure Prophylaxis: Is Synergy Possible?. <i>AIDS Research and Human Retroviruses</i> , 2011, 27, 669-680.	0.5	28
97	Safety, Tolerability, and Pharmacokinetics of a Long-Acting Broadly Neutralizing Human Immunodeficiency Virus Type 1 (HIV-1) Monoclonal Antibody VRC01LS in HIV-1 “Exposed Newborn Infants. <i>Journal of Infectious Diseases</i> , 2021, 224, 1916-1924.	1.9	27
98	Coronavirus Occurrence in the Household Influenza Vaccine Evaluation (HIVE) Cohort of Michigan Households: Reinfection Frequency and Serologic Responses to Seasonal and Severe Acute Respiratory Syndrome Coronaviruses. <i>Journal of Infectious Diseases</i> , 2021, 224, 49-59.	1.9	26
99	Shaping a universally broad antibody response to influenza amidst a variable immunoglobulin landscape. <i>Current Opinion in Immunology</i> , 2018, 53, 96-101.	2.4	25
100	An avian influenza H7 DNA priming vaccine is safe and immunogenic in a randomized phase I clinical trial. <i>Npj Vaccines</i> , 2017, 2, 15.	2.9	24
101	Specific COVID-19 Symptoms Correlate with High Antibody Levels against SARS-CoV-2. <i>ImmunoHorizons</i> , 2021, 5, 466-476.	0.8	23
102	Stable Latent HIV Infection and Low-level Viremia Despite Treatment With the Broadly Neutralizing Antibody VRC07-523LS and the Latency Reversal Agent Vorinostat. <i>Journal of Infectious Diseases</i> , 2022, 225, 856-861.	1.9	22
103	A Hyper-IgM Syndrome Mutation in Activation-Induced Cytidine Deaminase Disrupts G-Quadruplex Binding and Genome-wide Chromatin Localization. <i>Immunity</i> , 2020, 53, 952-970.e11.	6.6	21
104	Development of a 3Mut-Apex-Stabilized Envelope Trimer That Expands HIV-1 Neutralization Breadth When Used To Boost Fusion Peptide-Directed Vaccine-Elicited Responses. <i>Journal of Virology</i> , 2020, 94, .	1.5	21
105	Complementary strand analysis: a new approach for allelic separation in complex polyallelic genetic systems. <i>Nucleic Acids Research</i> , 1997, 25, 2236-2238.	6.5	19
106	Single Cell Profiling Reveals PTEN Overexpression in Influenza-Specific B cells in Aging HIV-infected individuals on Anti-retroviral Therapy. <i>Scientific Reports</i> , 2019, 9, 2482.	1.6	19
107	Dynamic Perspectives on the Search for a Universal Influenza Vaccine. <i>Journal of Infectious Diseases</i> , 2019, 219, S46-S56.	1.9	18
108	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.	5.1	18

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109	Rectal tissue and vaginal tissue from intravenous VRC01 recipients show protection against ex vivo HIV-1 challenge. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	17
110	Early human B cell signatures of the primary antibody response to mRNA vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	17
111	Convergent Evolution in Breadth of Two VH6-1-Encoded Influenza Antibody Clonotypes from a Single Donor. <i>Cell Host and Microbe</i> , 2020, 28, 434-444.e4.	5.1	16
112	A single residue in influenza virus H2 hemagglutinin enhances the breadth of the B cell response elicited by H2 vaccination. <i>Nature Medicine</i> , 2022, 28, 373-382.	15.2	16
113	Immune Monitoring Reveals Fusion Peptide Priming to Imprint Cross-Clade HIV-Neutralizing Responses with a Characteristic Early B Cell Signature. <i>Cell Reports</i> , 2020, 32, 107981.	2.9	15
114	Hemagglutinin head-specific responses dominate over stem-specific responses following prime boost with mismatched vaccines. <i>JCI Insight</i> , 2019, 4, .	2.3	15
115	Safety and Immunogenicity of a rAd35-EnvA Prototype HIV-1 Vaccine in Combination with rAd5-EnvA in Healthy Adults (VRC 012). <i>PLoS ONE</i> , 2016, 11, e0166393.	1.1	14
116	Pharmacokinetics and predicted neutralisation coverage of VRC01 in HIV-uninfected participants of the Antibody Mediated Prevention (AMP) trials. <i>EBioMedicine</i> , 2021, 64, 103203.	2.7	14
117	HIV vaccine research and discovery in the nonhuman primates model. <i>Current Opinion in HIV and AIDS</i> , 2013, 8, 1.	1.5	13
118	A Multiplex Microsphere-Based Immunoassay Increases the Sensitivity of SIV-Specific Antibody Detection in Serum Samples and Mucosal Specimens Collected from Rhesus Macaques Infected with SIVmac239. <i>BioResearch Open Access</i> , 2013, 2, 171-178.	2.6	13
119	A non-affinity purification process for GMP production of prefusion-closed HIV-1 envelope trimers from clades A and C for clinical evaluation. <i>Vaccine</i> , 2021, 39, 3379-3387.	1.7	13
120	Safety and Pharmacokinetics of Monoclonal Antibodies VRC07-523LS and PGT121 Administered Subcutaneously for Human Immunodeficiency Virus Prevention. <i>Journal of Infectious Diseases</i> , 2022, 226, 510-520.	1.9	13
121	Safety and immunogenicity of an HIV-1 prefusion-stabilized envelope trimer (Trimer 4571) vaccine in healthy adults: A first-in-human open-label, randomized, dose-escalation, phase 1 clinical trial. <i>EClinicalMedicine</i> , 2022, 48, 101477.	3.2	13
122	Fusion peptide priming reduces immune responses to HIV-1 envelope trimer base. <i>Cell Reports</i> , 2021, 35, 108937.	2.9	12
123	A simple and rapid magnetic bead separation technique for the isolation of tetramer-positive virus-specific CD8 T cells. <i>Aids</i> , 2001, 15, 810-812.	1.0	12
124	Higher PIK3C2B gene expression of H1N1+ specific B-cells is associated with lower H1N1 immunogenicity after trivalent influenza vaccination in HIV infected children. <i>Clinical Immunology</i> , 2020, 215, 108440.	1.4	10
125	Enterovirus D68: a test case for the use of immunological surveillance to develop tools to mitigate the pandemic potential of emerging pathogens. <i>Lancet Microbe</i> , The, 2022, 3, e83-e85.	3.4	10
126	Tyrosine O-sulfation proteoforms affect HIV-1 monoclonal antibody potency. <i>Scientific Reports</i> , 2022, 12, 8433.	1.6	8

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127	Why are there so few (or so many) circulating coronaviruses?. Trends in Immunology, 2021, 42, 751-763.	2.9	7
128	DNA/Ad5 vaccination with SIV epitopes induced epitope-specific CD4+ T cells, but few subdominant epitope-specific CD8+ T cells. Vaccine, 2011, 29, 7483-7490.	1.7	6
129	Development and Assessment of a Pooled Serum as Candidate Standard to Measure Influenza A Virus Group 1 Hemagglutinin Stalk-Reactive Antibodies. Vaccines, 2020, 8, 666.	2.1	6
130	Model Informed Development of VRC01 in Newborn Infants Using a Population Pharmacokinetics Approach. Clinical Pharmacology and Therapeutics, 2021, 109, 184-192.	2.3	6
131	Prediction of serum HIV-1 neutralization titers of VRC01 in HIV-uninfected Antibody Mediated Prevention (AMP) trial participants. Human Vaccines and Immunotherapeutics, 2022, 18, 1-10.	1.4	6
132	Homologous Boosting with Adenoviral Serotype 5 HIV Vaccine (rAd5) Vector Can Boost Antibody Responses despite Preexisting Vector-Specific Immunity in a Randomized Phase I Clinical Trial. PLoS ONE, 2014, 9, e106240.	1.1	5
133	Recombinant MVA-prime elicits neutralizing antibody responses by inducing antigen-specific B cells in the germinal center. Npj Vaccines, 2021, 6, 15.	2.9	5
134	A sensitive method to quantify HIV-1 antibodies in mucosal samples. Journal of Immunological Methods, 2021, 491, 112995.	0.6	5
135	Longitudinal dynamics of the HIV-specific B cell response during intermittent treatment of primary HIV infection. PLoS ONE, 2017, 12, e0173577.	1.1	5
136	Immunity to Influenza: Catching a Moving Target To Improve Vaccine Design. Journal of Immunology, 2019, 202, 327-331.	0.4	4
137	T-Bet Enables Tissue-Restricted B Cell Memory and Influenza Hemagglutinin Stalk-Specific Antibodies. SSRN Electronic Journal, 0, , .	0.4	2
138	Structure of an influenza group 2-neutralizing antibody targeting the hemagglutinin stem supersite. Structure, 2022, , .	1.6	1
139	Sequential staining of HIV gp140 to capture antigen-specific human B cells via flow cytometry. STAR Protocols, 2021, 2, 100771.	0.5	0
140	Antibody Reactivity Against SARS-CoV-2 in Adults from the Vancouver Metropolitan Area, Canada. SSRN Electronic Journal, 0, , .	0.4	0