

# Galit Alter

## List of Publications by Citations

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324  
papers

20,772  
citations

74  
h-index

137  
g-index

362  
ext. papers

29,053  
ext. citations

15.7  
avg, IF

7.07  
L-index

#	Paper	IF	Citations
324	CD107a as a functional marker for the identification of natural killer cell activity. <i>Journal of Immunological Methods</i> , <b>2004</b> , 294, 15-22	2.5	1005
323	DNA vaccine protection against SARS-CoV-2 in rhesus macaques. <i>Science</i> , <b>2020</b> , 369, 806-811	33.3	748
322	SARS-CoV-2 infection protects against rechallenge in rhesus macaques. <i>Science</i> , <b>2020</b> , 369, 812-817	33.3	592
321	Single-shot Ad26 vaccine protects against SARS-CoV-2 in rhesus macaques. <i>Nature</i> , <b>2020</b> , 586, 583-588	50.4	550
320	Persistence and Evolution of SARS-CoV-2 in an Immunocompromised Host. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 2291-2293	59.2	533
319	Correlates of protection against SARS-CoV-2 in rhesus macaques. <i>Nature</i> , <b>2021</b> , 590, 630-634	50.4	498
318	Sex differences in the Toll-like receptor-mediated response of plasmacytoid dendritic cells to HIV-1. <i>Nature Medicine</i> , <b>2009</b> , 15, 955-9	50.5	412
317	Protective efficacy of multiple vaccine platforms against Zika virus challenge in rhesus monkeys. <i>Science</i> , <b>2016</b> , 353, 1129-32	33.3	386
316	SARS-CoV-2 viral load is associated with increased disease severity and mortality. <i>Nature Communications</i> , <b>2020</b> , 11, 5493	17.4	360
315	Differential natural killer cell-mediated inhibition of HIV-1 replication based on distinct KIR/HLA subtypes. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 3027-36	16.6	356
314	Persistence and decay of human antibody responses to the receptor binding domain of SARS-CoV-2 spike protein in COVID-19 patients. <i>Science Immunology</i> , <b>2020</b> , 5,	28	353
313	Loss of Bcl-6-Expressing T Follicular Helper Cells and Germinal Centers in COVID-19. <i>Cell</i> , <b>2020</b> , 183, 143-157.e13	46.7	312
312	A Functional Role for Antibodies in Tuberculosis. <i>Cell</i> , <b>2016</b> , 167, 433-443.e14	56.2	306
311	Loss of HIV-1-specific CD8+ T cell proliferation after acute HIV-1 infection and restoration by vaccine-induced HIV-1-specific CD4+ T cells. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 200, 701-12	16.6	293
310	Polyfunctional Fc-effector profiles mediated by IgG subclass selection distinguish RV144 and VAX003 vaccines. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 228ra38	17.5	290
309	Viral epitope profiling of COVID-19 patients reveals cross-reactivity and correlates of severity. <i>Science</i> , <b>2020</b> , 370,	33.3	289
308	Beyond binding: antibody effector functions in infectious diseases. <i>Nature Reviews Immunology</i> , <b>2018</b> , 18, 46-61	36.5	280

307	COVID-19-neutralizing antibodies predict disease severity and survival. <i>Cell</i> , <b>2021</b> , 184, 476-488.e11	56.2	270
306	Protective efficacy of a global HIV-1 mosaic vaccine against heterologous SHIV challenges in rhesus monkeys. <i>Cell</i> , <b>2013</b> , 155, 531-9	56.2	268
305	A robust, high-throughput assay to determine the phagocytic activity of clinical antibody samples. <i>Journal of Immunological Methods</i> , <b>2011</b> , 366, 8-19	2.5	266
304	Sequential deregulation of NK cell subset distribution and function starting in acute HIV-1 infection. <i>Blood</i> , <b>2005</b> , 106, 3366-9	2.2	265
303	HIV-1 adaptation to NK-cell-mediated immune pressure. <i>Nature</i> , <b>2011</b> , 476, 96-100	50.4	251
302	Characteristics of the earliest cross-neutralizing antibody response to HIV-1. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1001251	7.6	241
301	Protective efficacy of adenovirus/protein vaccines against SIV challenges in rhesus monkeys. <i>Science</i> , <b>2015</b> , 349, 320-4	33.3	236
300	Natural variation in Fc glycosylation of HIV-specific antibodies impacts antiviral activity. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 2183-92	15.9	233
299	Dissecting Polyclonal Vaccine-Induced Humoral Immunity against HIV Using Systems Serology. <i>Cell</i> , <b>2015</b> , 163, 988-98	56.2	230
298	Distinct Early Serological Signatures Track with SARS-CoV-2 Survival. <i>Immunity</i> , <b>2020</b> , 53, 524-532.e4	32.3	219
297	Pediatric Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): Clinical Presentation, Infectivity, and Immune Responses. <i>Journal of Pediatrics</i> , <b>2020</b> , 227, 45-52.e5	3.6	192
296	Coronavirus disease 2019 vaccine response in pregnant and lactating women: a cohort study. <i>American Journal of Obstetrics and Gynecology</i> , <b>2021</b> , 225, 303.e1-303.e17	6.4	185
295	Ad26/MVA therapeutic vaccination with TLR7 stimulation in SIV-infected rhesus monkeys. <i>Nature</i> , <b>2016</b> , 540, 284-287	50.4	183
294	CD39 Expression Identifies Terminally Exhausted CD8+ T Cells. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005177	7.6	183
293	Antigen load and viral sequence diversification determine the functional profile of HIV-1-specific CD8+ T cells. <i>PLoS Medicine</i> , <b>2008</b> , 5, e100	11.6	181
292	Ad26 vaccine protects against SARS-CoV-2 severe clinical disease in hamsters. <i>Nature Medicine</i> , <b>2020</b> , 26, 1694-1700	50.5	176
291	Evaluation of a mosaic HIV-1 vaccine in a multicentre, randomised, double-blind, placebo-controlled, phase 1/2a clinical trial (APPROACH) and in rhesus monkeys (NHP 13-19). <i>Lancet, The</i> , <b>2018</b> , 392, 232-243	40	170
290	Polyfunctional HIV-Specific Antibody Responses Are Associated with Spontaneous HIV Control. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005315	7.6	167

289	The Immunoregulatory Roles of Antibody Glycosylation. <i>Trends in Immunology</i> , <b>2017</b> , 38, 358-372	14.4	162
288	Antibody and TLR7 agonist delay viral rebound in SHIV-infected monkeys. <i>Nature</i> , <b>2018</b> , 563, 360-364	50.4	155
287	HLA class I subtype-dependent expansion of KIR3DS1+ and KIR3DL1+ NK cells during acute human immunodeficiency virus type 1 infection. <i>Journal of Virology</i> , <b>2009</b> , 83, 6798-805	6.6	149
286	Assessment of Maternal and Neonatal SARS-CoV-2 Viral Load, Transplacental Antibody Transfer, and Placental Pathology in Pregnancies During the COVID-19 Pandemic. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2030455	10.4	149
285	Adjuvant-dependent innate and adaptive immune signatures of risk of SIVmac251 acquisition. <i>Nature Medicine</i> , <b>2016</b> , 22, 762-70	50.5	147
284	Prevention of tuberculosis in rhesus macaques by a cytomegalovirus-based vaccine. <i>Nature Medicine</i> , <b>2018</b> , 24, 130-143	50.5	141
283	Immunogenicity of the Ad26.COVS.S Vaccine for COVID-19. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 325, 1535-1544	27.4	139
282	Compromised Humoral Functional Evolution Tracks with SARS-CoV-2 Mortality. <i>Cell</i> , <b>2020</b> , 183, 1508-1516.e12	56.2	134
281	Dissecting antibody-mediated protection against SARS-CoV-2. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 392-394	36.5	132
280	High-throughput, multiplexed IgG subclassing of antigen-specific antibodies from clinical samples. <i>Journal of Immunological Methods</i> , <b>2012</b> , 386, 117-23	2.5	132
279	Quick COVID-19 Healers Sustain Anti-SARS-CoV-2 Antibody Production. <i>Cell</i> , <b>2020</b> , 183, 1496-1507.e16	56.2	127
278	Systematic Analysis of Monoclonal Antibodies against Ebola Virus GP Defines Features that Contribute to Protection. <i>Cell</i> , <b>2018</b> , 174, 938-952.e13	56.2	126
277	Sex differences in vaccine-induced humoral immunity. <i>Seminars in Immunopathology</i> , <b>2019</b> , 41, 239-249	12	125
276	Immunogenicity of Ad26.COVS.S vaccine against SARS-CoV-2 variants in humans. <i>Nature</i> , <b>2021</b> , 596, 268-272	50.4	122
275	A Role for Fc Function in Therapeutic Monoclonal Antibody-Mediated Protection against Ebola Virus. <i>Cell Host and Microbe</i> , <b>2018</b> , 24, 221-233.e5	23.4	121
274	Immunogenicity of COVID-19 mRNA Vaccines in Pregnant and Lactating Women. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 325, 2370-2380	27.4	120
273	Immunological mechanisms of human resistance to persistent Mycobacterium tuberculosis infection. <i>Nature Reviews Immunology</i> , <b>2018</b> , 18, 575-589	36.5	118
272	Evolution of innate and adaptive effector cell functions during acute HIV-1 infection. <i>Journal of Infectious Diseases</i> , <b>2007</b> , 195, 1452-60	7	115

271	Copy number variation of KIR genes influences HIV-1 control. <i>PLoS Biology</i> , <b>2011</b> , 9, e1001208	9.7	111
270	HIV-1-specific cytotoxicity is preferentially mediated by a subset of CD8(+) T cells producing both interferon-gamma and tumor necrosis factor-alpha. <i>Blood</i> , <b>2004</b> , 104, 487-94	2.2	111
269	Recognition of a defined region within p24 gag by CD8+ T cells during primary human immunodeficiency virus type 1 infection in individuals expressing protective HLA class I alleles. <i>Journal of Virology</i> , <b>2007</b> , 81, 7725-31	6.6	106
268	IFN- $\gamma$ -independent immune markers of Mycobacterium tuberculosis exposure. <i>Nature Medicine</i> , <b>2019</b> , 25, 977-987	50.5	104
267	Increased natural killer cell activity in viremic HIV-1 infection. <i>Journal of Immunology</i> , <b>2004</b> , 173, 5305-115.3		104
266	A nonfucosylated variant of the anti-HIV-1 monoclonal antibody b12 has enhanced FcR1IIa-mediated antiviral activity in vitro but does not improve protection against mucosal SHIV challenge in macaques. <i>Journal of Virology</i> , <b>2012</b> , 86, 6189-96	6.6	96
265	Pentavalent HIV-1 vaccine protects against simian-human immunodeficiency virus challenge. <i>Nature Communications</i> , <b>2017</b> , 8, 15711	17.4	94
264	Adjuvanting a subunit COVID-19 vaccine to induce protective immunity. <i>Nature</i> , <b>2021</b> , 594, 253-258	50.4	92
263	Antibody-mediated protection against Ebola virus. <i>Nature Immunology</i> , <b>2018</b> , 19, 1169-1178	19.1	90
262	Antigen-Specific Antibody Glycosylation Is Regulated via Vaccination. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e10054566		88
261	Reduced frequencies of NKp30+NKp46+, CD161+, and NKG2D+ NK cells in acute HCV infection may predict viral clearance. <i>Journal of Hepatology</i> , <b>2011</b> , 55, 278-88	13.4	87
260	Single-stranded RNA derived from HIV-1 serves as a potent activator of NK cells. <i>Journal of Immunology</i> , <b>2007</b> , 178, 7658-66	5.3	87
259	Characterization of humoral and cellular immune responses elicited by a recombinant adenovirus serotype 26 HIV-1 Env vaccine in healthy adults (IPCAVD 001). <i>Journal of Infectious Diseases</i> , <b>2013</b> , 207, 248-56	7	86
258	Multiplexed Fc array for evaluation of antigen-specific antibody effector profiles. <i>Journal of Immunological Methods</i> , <b>2017</b> , 443, 33-44	2.5	85
257	Identification of antibody glycosylation structures that predict monoclonal antibody Fc-effector function. <i>Aids</i> , <b>2014</b> , 28, 2523-30	3.5	84
256	Matrix metalloprotease inhibitors restore impaired NK cell-mediated antibody-dependent cellular cytotoxicity in human immunodeficiency virus type 1 infection. <i>Journal of Virology</i> , <b>2009</b> , 83, 8705-12	6.6	84
255	NK Cells in HIV Disease. <i>Current HIV/AIDS Reports</i> , <b>2016</b> , 13, 85-94	5.9	82
254	Fc Glycan-Mediated Regulation of Placental Antibody Transfer. <i>Cell</i> , <b>2019</b> , 178, 202-215.e14	56.2	81

253	Circulating HIV-Specific Interleukin-21(+)CD4(+) T Cells Represent Peripheral Tfh Cells with Antigen-Dependent Helper Functions. <i>Immunity</i> , <b>2016</b> , 44, 167-178	32.3	78
252	Pan-ebolavirus and Pan-filovirus Mouse Monoclonal Antibodies: Protection against Ebola and Sudan Viruses. <i>Journal of Virology</i> , <b>2016</b> , 90, 266-78	6.6	78
251	The TLR-4 agonist adjuvant, GLA-SE, improves magnitude and quality of immune responses elicited by the ID93 tuberculosis vaccine: first-in-human trial. <i>Npj Vaccines</i> , <b>2018</b> , 3, 34	9.5	77
250	Antibody glycosylation in inflammation, disease and vaccination. <i>Seminars in Immunology</i> , <b>2018</b> , 39, 102-110	10.7	74
249	Route of immunization defines multiple mechanisms of vaccine-mediated protection against SIV. <i>Nature Medicine</i> , <b>2018</b> , 24, 1590-1598	50.5	73
248	Enhanced phagocytic activity of HIV-specific antibodies correlates with natural production of immunoglobulins with skewed affinity for FcR2a and FcR2b. <i>Journal of Virology</i> , <b>2013</b> , 87, 5468-76	6.6	72
247	Upregulation of PD-L1 on monocytes and dendritic cells by HIV-1 derived TLR ligands. <i>Aids</i> , <b>2008</b> , 22, 655-8	3.5	72
246	Compromised SARS-CoV-2-specific placental antibody transfer. <i>Cell</i> , <b>2021</b> , 184, 628-642.e10	56.2	72
245	A high-throughput, bead-based, antigen-specific assay to assess the ability of antibodies to induce complement activation. <i>Journal of Immunological Methods</i> , <b>2019</b> , 473, 112630	2.5	70
244	Ultrasensitive high-resolution profiling of early seroconversion in patients with COVID-19. <i>Nature Biomedical Engineering</i> , <b>2020</b> , 4, 1180-1187	19	70
243	Transfer of maternal immunity and programming of the newborn immune system. <i>Seminars in Immunopathology</i> , <b>2017</b> , 39, 605-613	12	67
242	A method for high-throughput, sensitive analysis of IgG Fc and Fab glycosylation by capillary electrophoresis. <i>Journal of Immunological Methods</i> , <b>2015</b> , 417, 34-44	2.5	64
241	IL-10 induces aberrant deletion of dendritic cells by natural killer cells in the context of HIV infection. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 1905-13	15.9	64
240	A versatile high-throughput assay to characterize antibody-mediated neutrophil phagocytosis. <i>Journal of Immunological Methods</i> , <b>2019</b> , 471, 46-56	2.5	63
239	Early preservation of CXCR5+ PD-1+ helper T cells and B cell activation predict the breadth of neutralizing antibody responses in chronic HIV-1 infection. <i>Journal of Virology</i> , <b>2014</b> , 88, 13310-21	6.6	63
238	Decreased Fc receptor expression on innate immune cells is associated with impaired antibody-mediated cellular phagocytic activity in chronically HIV-1 infected individuals. <i>Virology</i> , <b>2011</b> , 415, 160-7	3.6	60
237	Dynamics and significance of the antibody response to SARS-CoV-2 infection <b>2020</b> ,		60
236	Fc Characteristics Mediate Selective Placental Transfer of IgG in HIV-Infected Women. <i>Cell</i> , <b>2019</b> , 178, 190-201.e11	56.2	59

235	Development of a Human Antibody Cocktail that Deploys Multiple Functions to Confer Pan-Ebolavirus Protection. <i>Cell Host and Microbe</i> , <b>2019</b> , 25, 39-48.e5	23.4	59
234	Innate transcriptional effects by adjuvants on the magnitude, quality, and durability of HIV envelope responses in NHPs. <i>Blood Advances</i> , <b>2017</b> , 1, 2329-2342	7.8	57
233	Differential Kinetics of Immune Responses Elicited by Covid-19 Vaccines. <i>New England Journal of Medicine</i> , <b>2021</b> , 385, 2010-2012	59.2	57
232	Cooperativity of HIV-Specific Cytolytic CD4 T Cells and CD8 T Cells in Control of HIV Viremia. <i>Journal of Virology</i> , <b>2015</b> , 89, 7494-505	6.6	56
231	A Two-Antibody Pan-Ebolavirus Cocktail Confers Broad Therapeutic Protection in Ferrets and Nonhuman Primates. <i>Cell Host and Microbe</i> , <b>2019</b> , 25, 49-58.e5	23.4	55
230	Modulating Antibody Functionality in Infectious Disease and Vaccination. <i>Trends in Molecular Medicine</i> , <b>2016</b> , 22, 969-982	11.5	54
229	Innate immune control of HIV. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2012</b> , 2, a007070	5.4	50
228	Lack of protection following passive transfer of polyclonal highly functional low-dose non-neutralizing antibodies. <i>PLoS ONE</i> , <b>2014</b> , 9, e97229	3.7	50
227	KIR polymorphisms modulate peptide-dependent binding to an MHC class I ligand with a Bw6 motif. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1001316	7.6	50
226	Humoral signatures of protective and pathological SARS-CoV-2 infection in children. <i>Nature Medicine</i> , <b>2021</b> , 27, 454-462	50.5	50
225	HIV-specific Fc effector function early in infection predicts the development of broadly neutralizing antibodies. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006987	7.6	49
224	Selection of an HLA-C*03:04-Restricted HIV-1 p24 Gag Sequence Variant Is Associated with Viral Escape from KIR2DL3+ Natural Killer Cells: Data from an Observational Cohort in South Africa. <i>PLoS Medicine</i> , <b>2015</b> , 12, e1001900; discussion e1001900	11.6	49
223	Highly parallel characterization of IgG Fc binding interactions. <i>MAbs</i> , <b>2014</b> , 6, 915-27	6.6	48
222	Emerging concepts on the role of innate immunity in the prevention and control of HIV infection. <i>Annual Review of Medicine</i> , <b>2012</b> , 63, 113-30	17.4	48
221	Systems serology for evaluation of HIV vaccine trials. <i>Immunological Reviews</i> , <b>2017</b> , 275, 262-270	11.3	47
220	Multifunctional Pan-ebolavirus Antibody Recognizes a Site of Broad Vulnerability on the Ebolavirus Glycoprotein. <i>Immunity</i> , <b>2018</b> , 49, 363-374.e10	32.3	47
219	Mapping functional humoral correlates of protection against malaria challenge following RTS,S/AS01 vaccination. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	46
218	Multisystem inflammatory syndrome in children is driven by zonulin-dependent loss of gut mucosal barrier. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	46

217	Discrete SARS-CoV-2 antibody titers track with functional humoral stability. <i>Nature Communications</i> , <b>2021</b> , 12, 1018	17.4	46
216	Multiplexed Affinity-Based Separation of Proteins and Cells Using Inertial Microfluidics. <i>Scientific Reports</i> , <b>2016</b> , 6, 23589	4.9	45
215	SARS-CoV-2-specific ELISA development. <i>Journal of Immunological Methods</i> , <b>2020</b> , 484-485, 112832	2.5	45
214	Exploring the potential of monoclonal antibody therapeutics for HIV-1 eradication. <i>AIDS Research and Human Retroviruses</i> , <b>2015</b> , 31, 13-24	1.6	44
213	Analysis of a Therapeutic Antibody Cocktail Reveals Determinants for Cooperative and Broad Ebola virus Neutralization. <i>Immunity</i> , <b>2020</b> , 52, 388-403.e12	32.3	42
212	Enhanced binding of antibodies generated during chronic HIV infection to mucus component MUC16. <i>Mucosal Immunology</i> , <b>2016</b> , 9, 1549-1558	9.2	41
211	Antigen-specific antibody Fc glycosylation enhances humoral immunity via the recruitment of complement. <i>Science Immunology</i> , <b>2018</b> , 3,	28	41
210	Independent evolution of Fc- and Fab-mediated HIV-1-specific antiviral antibody activity following acute infection. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 2925-37	6.1	41
209	Longitudinal assessment of changes in HIV-specific effector activity in HIV-infected patients starting highly active antiretroviral therapy in primary infection. <i>Journal of Immunology</i> , <b>2003</b> , 171, 477-88	5.3	41
208	Outflanking immunodominance to target subdominant broadly neutralizing epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 13474-13479	11.5	40
207	Divergent antibody subclass and specificity profiles but not protective HLA-B alleles are associated with variable antibody effector function among HIV-1 controllers. <i>Journal of Virology</i> , <b>2014</b> , 88, 2799-809	6.6	40
206	Understanding the role of antibody glycosylation through the lens of severe viral and bacterial diseases. <i>Glycobiology</i> , <b>2020</b> , 30, 241-253	5.8	39
205	NK cell function in HIV-1 infection. <i>Current Molecular Medicine</i> , <b>2006</b> , 6, 621-9	2.5	39
204	High Seroprevalence of Anti-SARS-CoV-2 Antibodies in Chelsea, Massachusetts. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 222, 1955-1959	7	39
203	The humoral response to HIV-1: new insights, renewed focus. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 202 Suppl 2, S315-22	7	38
202	Sex-Based Differences in Human Immunodeficiency Virus Type 1 Reservoir Activity and Residual Immune Activation. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, 1084-1094	7	38
201	Diversity of Antiviral IgG Effector Activities Observed in HIV-Infected and Vaccinated Subjects. <i>Journal of Immunology</i> , <b>2016</b> , 197, 4603-4612	5.3	37
200	Optimal therapeutic activity of monoclonal antibodies against chikungunya virus requires Fc-FcR interaction on monocytes. <i>Science Immunology</i> , <b>2019</b> , 4,	28	36



199	Systems serology: profiling vaccine induced humoral immunity against HIV. <i>Retrovirology</i> , <b>2017</b> , 14, 57	3.6	35
198	A modified vaccinia Ankara vector-based vaccine protects macaques from SARS-CoV-2 infection, immune pathology, and dysfunction in the lungs. <i>Immunity</i> , <b>2021</b> , 54, 542-556.e9	32.3	35
197	COVID-19 vaccine response in pregnant and lactating women: a cohort study <b>2021</b> ,		35
196	Immune Correlate-Guided HIV Vaccine Design. <i>Cell Host and Microbe</i> , <b>2018</b> , 24, 25-33	23.4	34
195	Fab and Fc contribute to maximal protection against SARS-CoV-2 following NVX-CoV2373 subunit vaccine with Matrix-M vaccination. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100405	18	34
194	Machine learning methods enable predictive modeling of antibody feature:function relationships in RV144 vaccinees. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004185	5	32
193	HIV-1 single-stranded RNA induces CXCL13 secretion in human monocytes via TLR7 activation and plasmacytoid dendritic cell-derived type I IFN. <i>Journal of Immunology</i> , <b>2015</b> , 194, 2769-75	5.3	32
192	IgG Binding Characteristics of Rhesus Macaque FcR. <i>Journal of Immunology</i> , <b>2016</b> , 197, 2936-47	5.3	32
191	The multifaceted roles of breast milk antibodies. <i>Cell</i> , <b>2021</b> , 184, 1486-1499	56.2	32
190	A Molecular Signature in Blood Reveals a Role for p53 in Regulating Malaria-Induced Inflammation. <i>Immunity</i> , <b>2019</b> , 51, 750-765.e10	32.3	31
189	Broadly Neutralizing Antibodies Against HIV: New Insights to Inform Vaccine Design. <i>Annual Review of Medicine</i> , <b>2016</b> , 67, 185-200	17.4	30
188	Extra-Neutralizing FcR-Mediated Antibody Functions for a Universal Influenza Vaccine. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 440	8.4	29
187	Non-neutralizing Antibodies from a Marburg Infection Survivor Mediate Protection by Fc-Effector Functions and by Enhancing Efficacy of Other Antibodies. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 976-991.e11	23.4	29
186	Initiation of Antiretroviral Therapy Before Pregnancy Reduces the Risk of Infection-related Hospitalization in Human Immunodeficiency Virus-exposed Uninfected Infants Born in a High-income Country. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 68, 1193-1203	11.6	29
185	KIR2DL3+NKG2A? natural killer cells are associated with protection from productive hepatitis C virus infection in people who inject drugs. <i>Journal of Hepatology</i> , <b>2014</b> , 61, 475-81	13.4	28
184	Opportunities to exploit non-neutralizing HIV-specific antibody activity. <i>Current HIV Research</i> , <b>2013</b> , 11, 365-77	1.3	28
183	Evolution of Early SARS-CoV-2 and Cross-Coronavirus Immunity. <i>MSphere</i> , <b>2020</b> , 5,	5	28
182	Multi-isotype Glycoproteomic Characterization of Serum Antibody Heavy Chains Reveals Isotype- and Subclass-Specific -Glycosylation Profiles. <i>Molecular and Cellular Proteomics</i> , <b>2019</b> , 18, 686-703	7.6	27

181	Control of Heterologous Simian Immunodeficiency Virus SIV Infection by DNA and Protein Coimmunization Regimens Combined with Different Toll-Like-Receptor-4-Based Adjuvants in Macaques. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	27
180	Emergence of individual HIV-specific CD8 T cell responses during primary HIV-1 infection can determine long-term disease outcome. <i>Journal of Virology</i> , <b>2014</b> , 88, 12793-801	6.6	27
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49	Epidemiological and immunological features of obesity and SARS-CoV-2 <b>2020</b> ,		3
48	Sexually dimorphic placental responses to maternal SARS-CoV-2 infection <b>2021</b> ,		3
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36	An intranasal vaccine durably protects against SARS-CoV-2 variants in mice		2
35	Robust IgM responses following vaccination are associated with prevention of Mycobacterium tuberculosis infection in macaques		2
34	Reply to Slogrove et al. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 68, 2158	11.6	2
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23	Sequence and vector shapes vaccine induced antibody effector functions in HIV vaccine trials. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1010016	7.6	1
22	Maternal immune response and placental antibody transfer after COVID-19 vaccination across trimester and platforms		1
21	An observational study identifying highly tuberculosis-exposed, HIV-1-positive but persistently TB, tuberculin and IGRA negative persons with M. tuberculosis specific antibodies in Cape Town, South Africa		1
20	Outflanking Immunodominance to Target Subdominant Broadly Neutralizing Epitopes		1

19	Tracking the Trajectory of Functional Humoral Immune Responses Following Acute HIV Infection. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1744	8.4	1
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17	Coordinated Fc-effector and neutralization functions in HIV-infected children define a window of opportunity for HIV vaccination. <i>Aids</i> , <b>2021</b> , 35, 1895-1905	3.5	1
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15	A homologous or variant booster vaccine after Ad26.COVS immunization enhances SARS-CoV-2-specific immune responses in rhesus macaques.. <i>Science Translational Medicine</i> , <b>2022</b> , eabm4996	17.5	1
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