

# Mario Roederer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1172217/publications.pdf>

Version: 2024-02-01

278  
papers

45,797  
citations

1614

105  
h-index

2033

205  
g-index

285  
all docs

285  
docs citations

285  
times ranked

41241  
citing authors

#	ARTICLE	IF	CITATIONS
1	HIV nonprogressors preferentially maintain highly functional HIV-specific CD8+ T cells. <i>Blood</i> , 2006, 107, 4781-4789.	1.4	1,681
2	Rational Design of Envelope Identifies Broadly Neutralizing Human Monoclonal Antibodies to HIV-1. <i>Science</i> , 2010, 329, 856-861.	12.6	1,600
3	A human memory T cell subset with stem cell-like properties. <i>Nature Medicine</i> , 2011, 17, 1290-1297.	30.7	1,547
4	Sensitive and viable identification of antigen-specific CD8+ T cells by a flow cytometric assay for degranulation. <i>Journal of Immunological Methods</i> , 2003, 281, 65-78.	1.4	1,424
5	T-cell quality in memory and protection: implications for vaccine design. <i>Nature Reviews Immunology</i> , 2008, 8, 247-258.	22.7	1,410
6	Multifunctional TH1 cells define a correlate of vaccine-mediated protection against <i>Leishmania major</i> . <i>Nature Medicine</i> , 2007, 13, 843-850.	30.7	1,272
7	Massive infection and loss of memory CD4+ T cells in multiple tissues during acute SIV infection. <i>Nature</i> , 2005, 434, 1093-1097.	27.8	1,161
8	Characterization of circulating T cells specific for tumor-associated antigens in melanoma patients. <i>Nature Medicine</i> , 1999, 5, 677-685.	30.7	1,033
9	Evaluation of the mRNA-1273 Vaccine against SARS-CoV-2 in Nonhuman Primates. <i>New England Journal of Medicine</i> , 2020, 383, 1544-1555.	27.0	936
10	Seventeen-colour flow cytometry: unravelling the immune system. <i>Nature Reviews Immunology</i> , 2004, 4, 648-655.	22.7	918
11	Expression of CD57 defines replicative senescence and antigen-induced apoptotic death of CD8+ T cells. <i>Blood</i> , 2003, 101, 2711-2720.	1.4	887
12	PD-1 is a regulator of virus-specific CD8+ T cell survival in HIV infection. <i>Journal of Experimental Medicine</i> , 2006, 203, 2281-2292.	8.5	808
13	SPICE: Exploration and analysis of post-cytometric complex multivariate datasets. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 167-174.	1.5	799
14	Focused Evolution of HIV-1 Neutralizing Antibodies Revealed by Structures and Deep Sequencing. <i>Science</i> , 2011, 333, 1593-1602.	12.6	788
15	The who's who of T cell differentiation: Human memory T cell subsets. <i>European Journal of Immunology</i> , 2013, 43, 2797-2809.	2.9	785
16	Protection Against Malaria by Intravenous Immunization with a Nonreplicating Sporozoite Vaccine. <i>Science</i> , 2013, 341, 1359-1365.	12.6	686
17	Phenotype and function of human T lymphocyte subsets: Consensus and issues. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 975-983.	1.5	645
18	Redistribution, Hyperproliferation, Activation of Natural Killer Cells and CD8 T Cells, and Cytokine Production During First-in-Human Clinical Trial of Recombinant Human Interleukin-15 in Patients With Cancer. <i>Journal of Clinical Oncology</i> , 2015, 33, 74-82.	1.6	571

#	ARTICLE	IF	CITATIONS
19	Emerging Concepts in the Immunopathogenesis of AIDS. Annual Review of Medicine, 2009, 60, 471-484.	12.2	499
20	Durability of mRNA-1273 vaccine-induced antibodies against SARS-CoV-2 variants. Science, 2021, 373, 1372-1377.	12.6	459
21	Accelerated vaccination for Ebola virus haemorrhagic fever in non-human primates. Nature, 2003, 424, 681-684.	27.8	436
22	Immunocompetent T-Cells with a Memory-Like Phenotype are the Dominant Cell Type Following Antibody-Mediated T-Cell Depletion. American Journal of Transplantation, 2005, 5, 465-474.	4.7	435
23	Immunization with vaccinia virus induces polyfunctional and phenotypically distinctive CD8+ T cell responses. Journal of Experimental Medicine, 2007, 204, 1405-1416.	8.5	428
24	11-color, 13-parameter flow cytometry: Identification of human naive T cells by phenotype, function, and T-cell receptor diversity. Nature Medicine, 2001, 7, 245-248.	30.7	421
25	A practical approach to multicolor flow cytometry for immunophenotyping. Journal of Immunological Methods, 2000, 243, 77-97.	1.4	414
26	Prevention of tuberculosis in macaques after intravenous BCG immunization. Nature, 2020, 577, 95-102.	27.8	394
27	Ex vivo identification, isolation and analysis of tumor-cytolytic T cells. Nature Medicine, 2003, 9, 1377-1382.	30.7	386
28	Avidity for antigen shapes clonal dominance in CD8+ T cell populations specific for persistent DNA viruses. Journal of Experimental Medicine, 2005, 202, 1349-1361.	8.5	360
29	T-Cell Subsets That Harbor Human Immunodeficiency Virus (HIV) In Vivo: Implications for HIV Pathogenesis. Journal of Virology, 2004, 78, 1160-1168.	3.4	351
30	Quantum dot semiconductor nanocrystals for immunophenotyping by polychromatic flow cytometry. Nature Medicine, 2006, 12, 972-977.	30.7	349
31	Rapid development of a DNA vaccine for Zika virus. Science, 2016, 354, 237-240.	12.6	348
32	Single-cell technologies for monitoring immune systems. Nature Immunology, 2014, 15, 128-135.	14.5	337
33	HIV Gag protein conjugated to a Toll-like receptor 7/8 agonist improves the magnitude and quality of Th1 and CD8+ T cell responses in nonhuman primates. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15190-15194.	7.1	323
34	Protection against malaria at 1 year and immune correlates following PfSPZ vaccination. Nature Medicine, 2016, 22, 614-623.	30.7	313
35	Chimpanzee adenovirus vaccine generates acute and durable protective immunity against ebolavirus challenge. Nature Medicine, 2014, 20, 1126-1129.	30.7	311
36	CD4 T follicular helper cell dynamics during SIV infection. Journal of Clinical Investigation, 2012, 122, 3281-3294.	8.2	307

#	ARTICLE	IF	CITATIONS
37	A live-cell assay to detect antigen-specific CD4+ T cells with diverse cytokine profiles. <i>Nature Medicine</i> , 2005, 11, 1113-1117.	30.7	293
38	Acquisition of direct antiviral effector functions by CMV-specific CD4+ T lymphocytes with cellular maturation. <i>Journal of Experimental Medicine</i> , 2006, 203, 2865-2877.	8.5	293
39	The Genetic Architecture of the Human Immune System: A Bioresource for Autoimmunity and Disease Pathogenesis. <i>Cell</i> , 2015, 161, 387-403.	28.9	292
40	Superior T memory stem cell persistence supports long-lived T cell memory. <i>Journal of Clinical Investigation</i> , 2013, 123, 594-9.	8.2	287
41	Toll-Like Receptor Ligands Modulate Dendritic Cells to Augment Cytomegalovirus- and HIV-1-Specific T Cell Responses. <i>Journal of Immunology</i> , 2003, 171, 4320-4328.	0.8	285
42	Phase 1 Safety and Immunogenicity Evaluation of a Multiclade HIV-1 Candidate Vaccine Delivered by a Replication-Defective Recombinant Adenovirus Vector. <i>Journal of Infectious Diseases</i> , 2006, 194, 1638-1649.	4.0	283
43	The Size of the Viral Inoculum Contributes to the Outcome of Hepatitis B Virus Infection. <i>Journal of Virology</i> , 2009, 83, 9652-9662.	3.4	282
44	Toll-like receptor agonists influence the magnitude and quality of memory T cell responses after prime-boost immunization in nonhuman primates. <i>Journal of Experimental Medicine</i> , 2006, 203, 1249-1258.	8.5	270
45	Vaccine-Induced Antibodies that Neutralize Group 1 and Group 2 Influenza A Viruses. <i>Cell</i> , 2016, 166, 609-623.	28.9	270
46	Role of BCR affinity in T cell-dependent antibody responses in vivo. <i>Nature Immunology</i> , 2002, 3, 570-575.	14.5	264
47	Enhanced Potency of a Broadly Neutralizing HIV-1 Antibody <i>In Vitro</i> Improves Protection against Lentiviral Infection <i>In Vivo</i> . <i>Journal of Virology</i> , 2014, 88, 12669-12682.	3.4	248
48	Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. <i>Science</i> , 2021, 373, eabj0299.	12.6	244
49	Chimpanzee Adenovirus Vector Ebola Vaccine. <i>New England Journal of Medicine</i> , 2017, 376, 928-938.	27.0	243
50	Intracellular cytokine optimization and standard operating procedure. <i>Nature Protocols</i> , 2006, 1, 1507-1516.	12.0	238
51	Role of antigen receptor affinity in T cell-independent antibody responses in vivo. <i>Nature Immunology</i> , 2002, 3, 399-406.	14.5	236
52	Trispecific broadly neutralizing HIV antibodies mediate potent SHIV protection in macaques. <i>Science</i> , 2017, 358, 85-90.	12.6	225
53	Preferential infection and depletion of <i>Mycobacterium tuberculosis</i> -specific CD4 T cells after HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2010, 207, 2869-2881.	8.5	224
54	A DNA Vaccine for Ebola Virus Is Safe and Immunogenic in a Phase I Clinical Trial. <i>Vaccine Journal</i> , 2006, 13, 1267-1277.	3.1	221

#	ARTICLE	IF	CITATIONS
55	The cytolytic enzymes granzyme A, granzyme B, and perforin: expression patterns, cell distribution, and their relationship to cell maturity and bright CD57 expression. <i>Journal of Leukocyte Biology</i> , 2009, 85, 88-97.	3.3	221
56	Polyfunctional T cell responses are a hallmark of HIV-1 infection. <i>European Journal of Immunology</i> , 2008, 38, 350-363.	2.9	216
57	HIV-1 Actively Replicates in Naive CD4+ T Cells Residing within Human Lymphoid Tissues. <i>Immunity</i> , 2001, 15, 671-682.	14.3	215
58	Immunisation with BCG and recombinant MVA85A induces long-lasting, polyfunctional <i>Mycobacterium tuberculosis</i> -specific CD4 <sup>+</sup> memory T lymphocyte populations. <i>European Journal of Immunology</i> , 2007, 37, 3089-3100.	2.9	206
59	Attenuated PfSPZ Vaccine induces strain-transcending T cells and durable protection against heterologous controlled human malaria infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2711-2716.	7.1	201
60	CD8+ cellular immunity mediates rAd5 vaccine protection against Ebola virus infection of nonhuman primates. <i>Nature Medicine</i> , 2011, 17, 1128-1131.	30.7	200
61	Live-cell assay to detect antigen-specific CD4+ T-cell responses by CD154 expression. <i>Nature Protocols</i> , 2006, 1, 1-6.	12.0	197
62	High-throughput quantitative analysis of HIV-1 and SIV-specific ADCC-mediated antibody responses. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 603-612.	1.5	197
63	Adjuvant-dependent innate and adaptive immune signatures of risk of SIVmac251 acquisition. <i>Nature Medicine</i> , 2016, 22, 762-770.	30.7	197
64	Beyond six colors: A new era in flow cytometry. <i>Nature Medicine</i> , 2003, 9, 112-117.	30.7	194
65	Surface expression patterns of negative regulatory molecules identify determinants of virus-specific CD8+ T-cell exhaustion in HIV infection. <i>Blood</i> , 2011, 117, 4805-4815.	1.4	193
66	Interpretation of cellular proliferation data: Avoid the panglossian. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 95-101.	1.5	191
67	The history and future of the fluorescence activated cell sorter and flow cytometry: a view from Stanford. <i>Clinical Chemistry</i> , 2002, 48, 1819-27.	3.2	191
68	Amine reactive dyes: An effective tool to discriminate live and dead cells in polychromatic flow cytometry. <i>Journal of Immunological Methods</i> , 2006, 313, 199-208.	1.4	190
69	Elevation of plasma thioredoxin levels in HIV-infected individuals. <i>International Immunology</i> , 1996, 8, 603-611.	4.0	188
70	Use of ChAd3-EBO-Z Ebola virus vaccine in Malian and US adults, and boosting of Malian adults with MVA-BN-Filo: a phase 1, single-blind, randomised trial, a phase 1b, open-label and double-blind, dose-escalation trial, and a nested, randomised, double-blind, placebo-controlled trial. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 31-42.	9.1	187
71	Vaccination in Humans Generates Broad T Cell Cytokine Responses. <i>Journal of Immunology</i> , 2004, 173, 5372-5380.	0.8	186
72	Optimizing a Multicolor Immunophenotyping Assay. <i>Clinics in Laboratory Medicine</i> , 2007, 27, 469-485.	1.4	184

#	ARTICLE	IF	CITATIONS
73	Immune Protection of Nonhuman Primates against Ebola Virus with Single Low-Dose Adenovirus Vectors Encoding Modified GPs. <i>PLoS Medicine</i> , 2006, 3, e177.	8.4	182
74	Identification, isolation and in vitro expansion of human and nonhuman primate T stem cell memory cells. <i>Nature Protocols</i> , 2013, 8, 33-42.	12.0	181
75	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.	28.9	179
76	Quality assurance for polychromatic flow cytometry. <i>Nature Protocols</i> , 2006, 1, 1522-1530.	12.0	178
77	Recombinant Adenovirus Serotype 26 (Ad26) and Ad35 Vaccine Vectors Bypass Immunity to Ad5 and Protect Nonhuman Primates against Ebolavirus Challenge. <i>Journal of Virology</i> , 2011, 85, 4222-4233.	3.4	176
78	A West Nile Virus DNA Vaccine Induces Neutralizing Antibody in Healthy Adults during a Phase 1 Clinical Trial. <i>Journal of Infectious Diseases</i> , 2007, 196, 1732-1740.	4.0	175
79	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. <i>Science</i> , 2021, 373, .	12.6	174
80	Vaccination preserves CD4 memory T cells during acute simian immunodeficiency virus challenge. <i>Journal of Experimental Medicine</i> , 2006, 203, 1533-1541.	8.5	169
81	Data analysis in flow cytometry: The future just started. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 705-713.	1.5	168
82	Safety (toxicity), pharmacokinetics, immunogenicity, and impact on elements of the normal immune system of recombinant human IL-15 in rhesus macaques. <i>Blood</i> , 2011, 117, 4787-4795.	1.4	165
83	Intracellular Glutathione Levels in T Cell Subsets Decrease in HIV-Infected Individuals. <i>AIDS Research and Human Retroviruses</i> , 1992, 8, 305-311.	1.1	163
84	Ontogeny of $\hat{I}\hat{3}\hat{I}$ T Cells in Humans. <i>Journal of Immunology</i> , 2004, 172, 1637-1645.	0.8	163
85	Elevated frequencies of highly activated CD4+ T cells in HIV+ patients developing immune reconstitution inflammatory syndrome. <i>Blood</i> , 2010, 116, 3818-3827.	1.4	159
86	A chromatic explosion: the development and future of multiparameter flow cytometry. <i>Immunology</i> , 2008, 125, 441-449.	4.4	154
87	Loss of Circulating CD4 T Cells with B Cell Helper Function during Chronic HIV Infection. <i>PLoS Pathogens</i> , 2014, 10, e1003853.	4.7	153
88	<i>N</i> -Acetylcysteine: A New Approach to Anti-HIV Therapy. <i>AIDS Research and Human Retroviruses</i> , 1992, 8, 209-217.	1.1	150
89	Increased CD95/Fas-Induced Apoptosis of HIV-Specific CD8+ T Cells. <i>Immunity</i> , 2001, 15, 871-882.	14.3	146
90	CD4 and CD8 T cells with high intracellular glutathione levels are selectively lost as the HIV infection progresses. <i>International Immunology</i> , 1991, 3, 933-937.	4.0	142

#	ARTICLE	IF	CITATIONS
91	Public clonotype usage identifies protective Gag-specific CD8+ T cell responses in SIV infection. <i>Journal of Experimental Medicine</i> , 2009, 206, 923-936.	8.5	140
92	Immunological and virological mechanisms of vaccine-mediated protection against SIV and HIV. <i>Nature</i> , 2014, 505, 502-508.	27.8	140
93	Phase I clinical evaluation of a six-plasmid multiclade HIV-1 DNA candidate vaccine. <i>Vaccine</i> , 2007, 25, 4085-4092.	3.8	134
94	Kinetics and temperature dependence of exposure of endocytosed material to proteolytic enzymes and low pH: Evidence for a maturation model for the formation of lysosomes. <i>Journal of Cellular Physiology</i> , 1987, 131, 200-209.	4.1	132
95	Role of naive-derived T memory stem cells in T-cell reconstitution following allogeneic transplantation. <i>Blood</i> , 2015, 125, 2855-2864.	1.4	132
96	A model for harmonizing flow cytometry in clinical trials. <i>Nature Immunology</i> , 2010, 11, 975-978.	14.5	130
97	Route of immunization defines multiple mechanisms of vaccine-mediated protection against SIV. <i>Nature Medicine</i> , 2018, 24, 1590-1598.	30.7	129
98	Quality assurance for polychromatic flow cytometry using a suite of calibration beads. <i>Nature Protocols</i> , 2012, 7, 2067-2079.	12.0	128
99	Characterization of functional and phenotypic changes in anti-Gag vaccine-induced T cell responses and their role in protection after HIV-1 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4512-4517.	7.1	126
100	Priming Immunization with DNA Augments Immunogenicity of Recombinant Adenoviral Vectors for Both HIV-1 Specific Antibody and T-Cell Responses. <i>PLoS ONE</i> , 2010, 5, e9015.	2.5	125
101	Antioxidants Inhibit Stimulation of HIV Transcription. <i>AIDS Research and Human Retroviruses</i> , 1993, 9, 299-306.	1.1	121
102	The Functional Profile of Primary Human Antiviral CD8+ T Cell Effector Activity Is Dictated by Cognate Peptide Concentration. <i>Journal of Immunology</i> , 2004, 172, 6407-6417.	0.8	120
103	Flow cytometric DNA analysis of Neuroblastoma and Ganglioneuroma. A 10-year retrospective study. <i>Cancer</i> , 1988, 62, 749-754.	4.1	110
104	Phenotypic and Functional Profile of HIV-Inhibitory CD8 T Cells Elicited by Natural Infection and Heterologous Prime/Boost Vaccination. <i>Journal of Virology</i> , 2010, 84, 4998-5006.	3.4	110
105	Safety and immunogenicity of Ebola virus and Marburg virus glycoprotein DNA vaccines assessed separately and concomitantly in healthy Ugandan adults: a phase 1b, randomised, double-blind, placebo-controlled clinical trial. <i>Lancet, The</i> , 2015, 385, 1545-1554.	13.7	109
106	Innate and adaptive immune traits are differentially affected by genetic and environmental factors. <i>Nature Communications</i> , 2017, 8, 13850.	12.8	107
107	Human Immunodeficiency Virus Type 1 Neutralization Measured by Flow Cytometric Quantitation of Single-Round Infection of Primary Human T Cells. <i>Journal of Virology</i> , 2002, 76, 4810-4821.	3.4	106
108	Demonstration of Cross-Protective Vaccine Immunity against an Emerging Pathogenic Ebolavirus Species. <i>PLoS Pathogens</i> , 2010, 6, e1000904.	4.7	106

#	ARTICLE	IF	CITATIONS
109	Differential Association of Programmed Death-1 and CD57 with Ex Vivo Survival of CD8+ T Cells in HIV Infection. <i>Journal of Immunology</i> , 2009, 183, 1120-1132.	0.8	105
110	Alpha and Lambda Interferon Together Mediate Suppression of CD4 T Cells Induced by Respiratory Syncytial Virus. <i>Journal of Virology</i> , 2006, 80, 5032-5040.	3.4	101
111	Flow cytometry strikes gold. <i>Science</i> , 2015, 350, 739-740.	12.6	101
112	Broadly Neutralizing Human Immunodeficiency Virus Type 1 Antibody Gene Transfer Protects Nonhuman Primates from Mucosal Simian-Human Immunodeficiency Virus Infection. <i>Journal of Virology</i> , 2015, 89, 8334-8345.	3.4	100
113	Comparative Analysis of the Magnitude, Quality, Phenotype, and Protective Capacity of Simian Immunodeficiency Virus Gag-Specific CD8+ T Cells following Human-, Simian-, and Chimpanzee-Derived Recombinant Adenoviral Vector Immunization. <i>Journal of Immunology</i> , 2013, 190, 2720-2735.	0.8	99
114	Quantifying spillover spreading for comparing instrument performance and aiding in multicolor panel design. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 306-315.	1.5	98
115	Antigen expression determines adenoviral vaccine potency independent of IFN and STING signaling. <i>Journal of Clinical Investigation</i> , 2015, 125, 1129-1146.	8.2	97
116	Resting naive CD4+ T cells are massively infected and eliminated by X4-tropic simian-human immunodeficiency viruses in macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8000-8005.	7.1	96
117	Brilliant violet fluorophores: A new class of ultrabright fluorescent compounds for immunofluorescence experiments. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 456-466.	1.5	92
118	Characterization of subsets of CD4+ memory T cells reveals early branched pathways of T cell differentiation in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7916-7921.	7.1	91
119	Selective expansion of polyfunctional pathogen-specific CD4+ T cells in HIV-1-infected patients with immune reconstitution inflammatory syndrome. <i>Blood</i> , 2012, 119, 3105-3112.	1.4	91
120	Relationship between Functional Profile of HIV-1 Specific CD8 T Cells and Epitope Variability with the Selection of Escape Mutants in Acute HIV-1 Infection. <i>PLoS Pathogens</i> , 2011, 7, e1001273.	4.7	90
121	Neutralization tiers of HIV-1. <i>Current Opinion in HIV and AIDS</i> , 2018, 13, 128-136.	3.8	89
122	A Meta-analysis of Passive Immunization Studies Shows that Serum-Neutralizing Antibody Titer Associates with Protection against SHIV Challenge. <i>Cell Host and Microbe</i> , 2019, 26, 336-346.e3.	11.0	88
123	Aerosol Vaccination with AERAS-402 Elicits Robust Cellular Immune Responses in the Lungs of Rhesus Macaques but Fails To Protect against High-Dose <i>Mycobacterium tuberculosis</i> Challenge. <i>Journal of Immunology</i> , 2014, 193, 1799-1811.	0.8	87
124	Single-cell gene-expression profiling reveals qualitatively distinct CD8 T cells elicited by different gene-based vaccines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5724-5729.	7.1	86
125	IL15 and T-cell Stemness in T-cell-Based Cancer Immunotherapy. <i>Cancer Research</i> , 2015, 75, 5187-5193.	0.9	86
126	Protection against SARS-CoV-2 Beta variant in mRNA-1273 vaccine-boosted nonhuman primates. <i>Science</i> , 2021, 374, 1343-1353.	12.6	83



#	ARTICLE	IF	CITATIONS
127	Diversity and Recognition Efficiency of T Cell Responses to Cancer. <i>PLoS Medicine</i> , 2004, 1, e28.	8.4	82
128	IL15 by Continuous Intravenous Infusion to Adult Patients with Solid Tumors in a Phase I Trial Induced Dramatic NK-Cell Subset Expansion. <i>Clinical Cancer Research</i> , 2019, 25, 4945-4954.	7.0	82
129	Autocrine Production of $\hat{I}^2$ -Chemokines Protects CMV-Specific CD4+ T Cells from HIV Infection. <i>PLoS Pathogens</i> , 2009, 5, e1000646.	4.7	81
130	IL-10 production differentially influences the magnitude, quality, and protective capacity of Th1 responses depending on the vaccine platform. <i>Journal of Experimental Medicine</i> , 2010, 207, 1421-1433.	8.5	81
131	Getting to the HAART of T cell dynamics. <i>Nature Medicine</i> , 1998, 4, 145-146.	30.7	76
132	Association of HIV-Specific and Total CD8+ T Memory Phenotypes in Subtype C HIV-1 Infection with Viral Set Point. <i>Journal of Immunology</i> , 2009, 182, 4751-4761.	0.8	75
133	T-cell dynamics of immunodeficiency. <i>Nature Medicine</i> , 1995, 1, 621-622.	30.7	74
134	Highly multiplexed quantitation of gene expression on single cells. <i>Journal of Immunological Methods</i> , 2013, 391, 133-145.	1.4	72
135	Amine-Responsive Dyes for Dead Cell Discrimination in Fixed Samples. <i>Current Protocols in Cytometry</i> , 2010, 53, Unit 9.34.	3.7	71
136	DNA Vaccine Delivered by a Needle-Free Injection Device Improves Potency of Priming for Antibody and CD8+ T-Cell Responses after rAd5 Boost in a Randomized Clinical Trial. <i>PLoS ONE</i> , 2013, 8, e59340.	2.5	71
137	N-Acetylcysteine Inhibits Latent HIV Expression in Chronically Infected Cells. <i>AIDS Research and Human Retroviruses</i> , 1991, 7, 563-567.	1.1	70
138	OMIP-017: Human CD4 <sup>+</sup> helper T-cell subsets including follicular helper cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 439-440.	1.5	68
139	Mixture models for single-cell assays with applications to vaccine studies. <i>Biostatistics</i> , 2014, 15, 87-101.	1.5	68
140	Flow cytometric analysis of vaccine responses: how many colors are enough?. <i>Clinical Immunology</i> , 2004, 110, 199-205.	3.2	65
141	Genetic immunization in the lung induces potent local and systemic immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22213-22218.	7.1	65
142	HIV vaccine candidate activation of hypoxia and the inflammasome in CD14+ monocytes is associated with a decreased risk of SIVmac251 acquisition. <i>Nature Medicine</i> , 2018, 24, 847-856.	30.7	65
143	Vector Choice Determines Immunogenicity and Potency of Genetic Vaccines against Angola Marburg Virus in Nonhuman Primates. <i>Journal of Virology</i> , 2010, 84, 10386-10394.	3.4	64
144	Protection from SARS-CoV-2 Delta one year after mRNA-1273 vaccination in rhesus macaques coincides with anamnestic antibody response in the lung. <i>Cell</i> , 2022, 185, 113-130.e15.	28.9	64

#	ARTICLE	IF	CITATIONS
145	Good cell, bad cell: Flow cytometry reveals T cell subsets important in HIV disease. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 614-622.	1.5	63
146	HIV-1 Neutralizing Antibodies Display Dual Recognition of the Primary and Coreceptor Binding Sites and Preferential Binding to Fully Cleaved Envelope Glycoproteins. <i>Journal of Virology</i> , 2012, 86, 11231-11241.	3.4	61
147	The early expansion of anergic NKG2A <sup>pos</sup> /CD56 <sup>dim</sup> /CD16 <sup>neg</sup> natural killer represents a therapeutic target in haploidentical hematopoietic stem cell transplantation. <i>Haematologica</i> , 2018, 103, 1390-1402.	3.5	61
148	Optimized lymphocyte isolation methods for analysis of chemokine receptor expression. <i>Journal of Immunological Methods</i> , 2003, 279, 199-207.	1.4	60
149	T-cell dynamics during acute SIV infection. <i>Aids</i> , 2004, 18, 13-23.	2.2	59
150	Optimized determination of T cell epitope responses. <i>Journal of Immunological Methods</i> , 2003, 274, 221-228.	1.4	58
151	High avidity myeloid leukemia-associated antigen-specific CD8 <sup>+</sup> T cells preferentially reside in the bone marrow. <i>Blood</i> , 2009, 113, 2238-2244.	1.4	57
152	Publication of optimized multicolor immunofluorescence panels. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 814-818.	1.5	57
153	Differential Specificity and Immunogenicity of Adenovirus Type 5 Neutralizing Antibodies Elicited by Natural Infection or Immunization. <i>Journal of Virology</i> , 2010, 84, 630-638.	3.4	57
154	mRNA-1273 protects against SARS-CoV-2 beta infection in nonhuman primates. <i>Nature Immunology</i> , 2021, 22, 1306-1315.	14.5	57
155	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, .	12.4	56
156	Increased IL-15 Production Is Associated with Higher Susceptibility of Memory CD4 T Cells to Simian Immunodeficiency Virus during Acute Infection. <i>Journal of Immunology</i> , 2009, 182, 1439-1448.	0.8	55
157	Robust IgM responses following intravenous vaccination with Bacille Calmette-Guérin associate with prevention of Mycobacterium tuberculosis infection in macaques. <i>Nature Immunology</i> , 2021, 22, 1515-1523.	14.5	55
158	N-Acetylcysteine: Potential for AIDS Therapy. <i>Pharmacology</i> , 1993, 46, 121-129.	2.2	54
159	Glutathione Precursor and Antioxidant Activities of N-Acetylcysteine and Oxothiazolidine Carboxylate Compared in in Vitro Studies of HIV Replication. <i>AIDS Research and Human Retroviruses</i> , 1994, 10, 961-967.	1.1	54
160	Reduced Protection from Simian Immunodeficiency Virus SIV $\Delta$ mac251 Infection Afforded by Memory CD8 <sup>+</sup> T Cells Induced by Vaccination during CD4 <sup>+</sup> T-Cell Deficiency. <i>Journal of Virology</i> , 2008, 82, 9629-9638.	3.4	54
161	RchyOptimyx: Cellular hierarchy optimization for flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 1022-1030.	1.5	53
162	Direct Functional Analysis of Epitope-Specific CD8 <sup>+</sup> T Cells in Peripheral Blood. <i>Viral Immunology</i> , 2001, 14, 59-69.	1.3	52

#	ARTICLE	IF	CITATIONS
163	flowCytosort: Automated identification and removal of fluorescence anomalies in flow cytometry data. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 461-471.	1.5	52
164	Differential representations of memory T cell subsets are characteristic of polarized immunity in leprosy and atopic diseases. <i>International Immunology</i> , 1999, 11, 1801-1810.	4.0	51
165	Targeted Isolation of Antibodies Directed against Major Sites of SIV Env Vulnerability. <i>PLoS Pathogens</i> , 2016, 12, e1005537.	4.7	51
166	Techniques to improve the direct ex vivo detection of low frequency antigen-specific CD8 <sup>+</sup> T cells with peptide-major histocompatibility complex class I tetramers. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 1001-1009.	1.5	49
167	Recapitulation of HIV-1 Env-antibody coevolution in macaques leading to neutralization breadth. <i>Science</i> , 2021, 371, .	12.6	49
168	High frequencies of resting CD4 <sup>+</sup> T cells containing integrated viral DNA are found in rhesus macaques during acute lentivirus infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8015-8020.	7.1	45
169	OMIP060: 30-Parameter Flow Cytometry Panel to Assess T Cell Effector Functions and Regulatory T Cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 1129-1134.	1.5	45
170	Flow cytometric DNA analysis of adrenocortical tumors in children. <i>Cancer</i> , 1987, 59, 2059-2063.	4.1	42
171	A Phase I study evaluating the safety and immunogenicity of MVA85A, a candidate TB vaccine, in HIV-infected adults. <i>BMJ Open</i> , 2011, 1, e000223-e000223.	1.9	42
172	Vaccine-Induced Linear Epitope-Specific Antibodies to Simian Immunodeficiency Virus SIVmac239 Envelope Are Distinct from Those Induced to the Human Immunodeficiency Virus Type 1 Envelope in Nonhuman Primates. <i>Journal of Virology</i> , 2015, 89, 8643-8650.	3.4	42
173	Changes in antigen densities on leukocyte subsets correlate with progression of HIV disease. <i>International Immunology</i> , 1996, 8, 1-11.	4.0	41
174	Dynamics of fine T-cell subsets during HIV disease and after thymic ablation by mediastinal irradiation. <i>Seminars in Immunology</i> , 1997, 9, 389-396.	5.6	41
175	CCR2 Identifies a Stable Population of Human Effector Memory CD4 <sup>+</sup> T Cells Equipped for Rapid Recall Response. <i>Journal of Immunology</i> , 2010, 185, 6646-6663.	0.8	41
176	Holoendemic Malaria Exposure Is Associated with Altered Epstein-Barr Virus-Specific CD8 <sup>+</sup> T-Cell Differentiation. <i>Journal of Virology</i> , 2013, 87, 1779-1788.	3.4	39
177	Spatiotemporal single-cell profiling reveals that invasive and tissue-resident memory donor CD8 <sup>+</sup> T cells drive gastrointestinal acute graft-versus-host disease. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	39
178	Magnitude and Quality of Vaccine-Elicited T-Cell Responses in the Control of Immunodeficiency Virus Replication in Rhesus Monkeys. <i>Journal of Virology</i> , 2008, 82, 8812-8819.	3.4	38
179	Flow cytometry and the future of vaccine development. <i>Expert Review of Vaccines</i> , 2009, 8, 779-789.	4.4	38
180	Virus Inhibition Activity of Effector Memory CD8 <sup>+</sup> T Cells Determines Simian Immunodeficiency Virus Load in Vaccinated Monkeys after Vaccine Breakthrough Infection. <i>Journal of Virology</i> , 2012, 86, 5877-5884.	3.4	37

#	ARTICLE	IF	CITATIONS
181	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.	4.7	37
182	Differential Impact of Magnitude, Polyfunctional Capacity, and Specificity of HIV-Specific CD8 <sup>+</sup> T Cell Responses on HIV Set Point. <i>Journal of Virology</i> , 2014, 88, 1819-1824.	3.4	36
183	Background fluorescence and spreading error are major contributors of variability in high-dimensional flow cytometry data visualization by t-distributed stochastic neighboring embedding. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 785-792.	1.5	36
184	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.	3.4	35
185	Trafficking, Persistence, and Activation State of Adoptively Transferred Allogeneic and Autologous Simian Immunodeficiency Virus-Specific CD8 <sup>+</sup> T Cell Clones during Acute and Chronic Infection of Rhesus Macaques. <i>Journal of Immunology</i> , 2010, 184, 303-314.	0.8	34
186	Establishment and maintenance of a PBMC repository for functional cellular studies in support of clinical vaccine trials. <i>Journal of Immunological Methods</i> , 2014, 409, 107-116.	1.4	34
187	Boosting of ALVAC-SIV Vaccine-Primed Macaques with the CD4-SIVgp120 Fusion Protein Elicits Antibodies to V2 Associated with a Decreased Risk of SIVmac251 Acquisition. <i>Journal of Immunology</i> , 2016, 197, 2726-2737.	0.8	34
188	A deadly dance: the choreography of host-pathogen interactions, as revealed by single-cell technologies. <i>Nature Communications</i> , 2018, 9, 4638.	12.8	34
189	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.	30.7	34
190	Disregulation of Leukocyte Glutathione in AIDS. <i>Annals of the New York Academy of Sciences</i> , 1993, 677, 113-125.	3.8	33
191	Distribution, Persistence, and Efficacy of Adoptively Transferred Central and Effector Memory-Derived Autologous Simian Immunodeficiency Virus-Specific CD8 <sup>+</sup> T Cell Clones in Rhesus Macaques during Acute Infection. <i>Journal of Immunology</i> , 2010, 184, 315-326.	0.8	33
192	Optimization and qualification of an 8-color intracellular cytokine staining assay for quantifying T cell responses in rhesus macaques for pre-clinical vaccine studies. <i>Journal of Immunological Methods</i> , 2012, 386, 10-21.	1.4	33
193	Optimizing peptide matrices for identifying T cell antigens. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 1071-1078.	1.5	32
194	Detection of low avidity CD8 <sup>+</sup> T cell populations with coreceptor-enhanced peptide-major histocompatibility complex class I tetramers. <i>Journal of Immunological Methods</i> , 2008, 338, 31-39.	1.4	32
195	Geographic clonal tracking in macaques provides insights into HSPC migration and differentiation. <i>Journal of Experimental Medicine</i> , 2018, 215, 217-232.	8.5	32
196	Replication-Defective Adenovirus Vectors with Multiple Deletions Do Not Induce Measurable Vector-Specific T Cells in Human Trials. <i>Journal of Virology</i> , 2009, 83, 6318-6322.	3.4	31
197	Gene-Based Vaccination with a Mismatched Envelope Protects against Simian Immunodeficiency Virus Infection in Nonhuman Primates. <i>Journal of Virology</i> , 2012, 86, 7760-7770.	3.4	31
198	Q and B values are critical measurements required for inter-instrument standardization and development of multicolor flow cytometry staining panels. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 1037-1048.	1.5	31

#	ARTICLE	IF	CITATIONS
199	Blocking $\alpha 4 \beta 7$ integrin binding to SIV does not improve virologic control. <i>Science</i> , 2019, 365, 1033-1036.	12.6	31
200	Intranasal Live Influenza Vaccine Priming Elicits Localized B Cell Responses in Mediastinal Lymph Nodes. <i>Journal of Virology</i> , 2018, 92, .	3.4	30
201	Distinct neutralizing antibody correlates of protection among related Zika virus vaccines identify a role for antibody quality. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	30
202	Select gp120 V2 domain specific antibodies derived from HIV and SIV infection and vaccination inhibit gp120 binding to $\alpha 4 \beta 7$ . <i>PLoS Pathogens</i> , 2018, 14, e1007278.	4.7	29
203	Infectious Molecular Clones from a Simian Immunodeficiency Virus-Infected Rapid-Progressor (RP) Macaque: Evidence of Differential Selection of RP-Specific Envelope Mutations In Vitro and In Vivo. <i>Journal of Virology</i> , 2006, 80, 1463-1475.	3.4	27
204	Sieve analysis of breakthrough HIV-1 sequences in HVTN 505 identifies vaccine pressure targeting the CD4 binding site of Env-gp120. <i>PLoS ONE</i> , 2017, 12, e0185959.	2.5	27
205	OMIP#001: Quality and phenotype of Ag-responsive human T cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 819-820.	1.5	26
206	OMIP#058: 30-Parameter Flow Cytometry Panel to Characterize iNKT, NK, Unconventional and Conventional T Cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 946-951.	1.5	26
207	Antiretroviral Therapy prior to Acute Viral Replication Preserves CD4 T Cells in the Periphery but Not in Rectal Mucosa during Acute Simian Immunodeficiency Virus Infection. <i>Journal of Virology</i> , 2008, 82, 11467-11471.	3.4	25
208	A nonhuman primate toxicology and immunogenicity study evaluating aerosol delivery of AERAS-402/Ad35 vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 2199-2210.	3.3	25
209	Identification of human viral protein-derived ligands recognized by individual MHC-restricted T cell receptors. <i>Immunology and Cell Biology</i> , 2016, 94, 573-582.	2.3	25
210	Combined single-cell quantitation of host and SIV genes and proteins ex vivo reveals host-pathogen interactions in individual cells. <i>PLoS Pathogens</i> , 2017, 13, e1006445.	4.7	25
211	Phase I Randomized Clinical Trial of VRC DNA and rAd5 HIV-1 Vaccine Delivery by Intramuscular (IM), Subcutaneous (SC) and Intradermal (ID) Administration (VRC 011). <i>PLoS ONE</i> , 2014, 9, e91366.	2.5	23
212	Phase I study of single agent NIZ985, a recombinant heterodimeric IL-15 agonist, in adult patients with metastatic or unresectable solid tumors. , 2021, 9, e003388.		23
213	Glutathione and Immunophenotypes of T and B Lymphocytes in HIV-Infected Individuals. <i>Annals of the New York Academy of Sciences</i> , 1992, 651, 453-463.	3.8	22
214	Highly Tissue Substructure-Specific Effects of Human Papilloma Virus in Mucosa of HIV-Infected Patients Revealed by Laser-Dissection Microscopy-Assisted Gene Expression Profiling. <i>American Journal of Pathology</i> , 2004, 165, 707-718.	3.8	22
215	IL-15 Expands Unconventional CD8 $\alpha \beta$ NK1.1 <sup>+</sup> T Cells but Not $\alpha \beta$ 18 <sup>+</sup> NKT Cells. <i>Journal of Immunology</i> , 2008, 180, 7276-7286.	0.8	22
216	Potential To Streamline Heterologous DNA Prime and NYVAC/Protein Boost HIV Vaccine Regimens in Rhesus Macaques by Employing Improved Antigens. <i>Journal of Virology</i> , 2016, 90, 4133-4149.	3.4	22

#	ARTICLE	IF	CITATIONS
217	Analysis of antibody binding specificities in twin and SNP-genotyped cohorts reveals that antiviral antibody epitope selection is a heritable trait. <i>Immunity</i> , 2022, 55, 174-184.e5.	14.3	22
218	Guidelines for the Presentation of Flow Cytometric Data. <i>Methods in Cell Biology</i> , 2004, 75, 241-256.	1.1	21
219	Flow cytometry dna ploidy analysis and catecholamine secretion profiles in neuroblastoma. <i>Cancer</i> , 1990, 63, 1752-1756.	4.1	20
220	Heavy metal contaminants can eliminate quantum dot fluorescence. , 2011, 79A, 84-89.		20
221	Distributions of autofluorescence after compensation: Be panglossian, fret not. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 398-402.	1.5	20
222	The peripheral differentiation of human natural killer T cells. <i>Immunology and Cell Biology</i> , 2019, 97, 586-596.	2.3	20
223	Rational design and in vivo selection of SHIVs encoding transmitted/founder subtype C HIV-1 envelopes. <i>PLoS Pathogens</i> , 2019, 15, e1007632.	4.7	20
224	Measurement of leukocyte trafficking kinetics in macaques by serial intravascular staining. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	20
225	Targeting HIV-1 Env gp140 to LOX-1 Elicits Immune Responses in Rhesus Macaques. <i>PLoS ONE</i> , 2016, 11, e0153484.	2.5	20
226	Increased Memory Differentiation Is Associated with Decreased Polyfunctionality for HIV but Not for Cytomegalovirus-Specific CD8+T Cells. <i>Journal of Immunology</i> , 2012, 189, 3838-3847.	0.8	18
227	Dysregulated Antibody, Natural Killer Cell and Immune Mediator Profiles in Autoimmune Thyroid Diseases. <i>Cells</i> , 2020, 9, 665.	4.1	18
228	T Cells Specific for a Mycobacterial Glycolipid Expand after Intravenous Bacillus Calmette-Guérin Vaccination. <i>Journal of Immunology</i> , 2021, 206, 1240-1250.	0.8	18
229	Immune Trait Shifts in Association With Tobacco Smoking: A Study in Healthy Women. <i>Frontiers in Immunology</i> , 2021, 12, 637974.	4.8	18
230	Reconstitution of Peripheral T Cells by Tissue-Derived CCR4+ Central Memory Cells Following HIV-1 Antiretroviral Therapy. <i>Pathogens and Immunity</i> , 2016, 1, 260.	3.1	17
231	A genetic IFN/STAT1/FAS axis determines CD4 T stem cell memory levels and apoptosis in healthy controls and Adult T-cell Leukemia patients. <i>OncImmunity</i> , 2018, 7, e1426423.	4.6	17
232	Vaccine Generation of Protective Ebola Antibodies and Identification of Conserved B-Cell Signatures. <i>Journal of Infectious Diseases</i> , 2018, 218, S528-S536.	4.0	17
233	Antibody Fab-Fc properties outperform titer in predictive models of SIV vaccine-induced protection. <i>Molecular Systems Biology</i> , 2019, 15, e8747.	7.2	17
234	Mild SARS-CoV-2 infection in rhesus macaques is associated with viral control prior to antigen-specific T cell responses in tissues. <i>Science Immunology</i> , 2022, 7, eabo0535.	11.9	17

#	ARTICLE	IF	CITATIONS
235	Estimating the Infectivity of CCR5-Tropic Simian Immunodeficiency Virus SIV mac251 in the Gut. <i>Journal of Virology</i> , 2007, 81, 8025-8029.	3.4	16
236	Filarial Infection Modulates the Immune Response to <i>Mycobacterium tuberculosis</i> through Expansion of CD4 <sup>+</sup> IL-4 Memory T Cells. <i>Journal of Immunology</i> , 2015, 194, 2706-2714.	0.8	16
237	Anti-V2 antibodies virus vulnerability revealed by envelope V1 deletion in HIV vaccine candidates. <i>IScience</i> , 2021, 24, 102047.	4.1	16
238	Single Cell Analysis and Selection of Living Retrovirus Vector-corrected Mucopolysaccharidosis VII Cells Using a Fluorescence-activated Cell Sorting-based Assay for Mammalian $\beta$ -Glucuronidase Enzymatic Activity. <i>Journal of Biological Chemistry</i> , 1999, 274, 657-665.	3.4	15
239	Estimating the Impact of Vaccination on Acute Simian-Human Immunodeficiency Virus/Simian Immunodeficiency Virus Infections. <i>Journal of Virology</i> , 2008, 82, 11589-11598.	3.4	15
240	Myeloid Cell Crosstalk Regulates the Efficacy of the DNA/ALVAC/gp120 HIV Vaccine Candidate. <i>Frontiers in Immunology</i> , 2019, 10, 1072.	4.8	15
241	The V2 loop of HIV gp120 delivers costimulatory signals to CD4 <sup>+</sup> T cells through Integrin $\alpha$ 4 $\beta$ 7 and promotes cellular activation and infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32566-32573.	7.1	14
242	Early immunologic and virologic predictors of clinical HIV-1 disease progression. <i>Aids</i> , 2013, 27, 697-706.	2.2	13
243	A simple tube adapter to expedite and automate thawing of viably frozen cells. <i>Journal of Immunological Methods</i> , 2016, 439, 74-78.	1.4	13
244	Parsimonious Determination of the Optimal Infectious Dose of a Pathogen for Nonhuman Primate Models. <i>PLoS Pathogens</i> , 2015, 11, e1005100.	4.7	13
245	Breakthrough Virus Neutralization Resistance as a Correlate of Protection in a Nonhuman Primate Heterologous Simian Immunodeficiency Virus Vaccine Challenge Study. <i>Journal of Virology</i> , 2015, 89, 12388-12400.	3.4	12
246	OMIP068: High-Dimensional Characterization of Global and Antigen-Specific B Cells in Chronic Infection. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 1037-1043.	1.5	12
247	A Potent Anti-HIV Immunotoxin Blocks Spreading Infection by Primary HIV Type 1 Isolates in Multiple Cell Types. <i>AIDS Research and Human Retroviruses</i> , 2004, 20, 145-150.	1.1	10
248	Evaluation of chimeric antigen receptor T cell therapy in non-human primates infected with SHIV or SIV. <i>PLoS ONE</i> , 2021, 16, e0248973.	2.5	10
249	Acute HIV infection: it takes more than guts. <i>Current Opinion in HIV and AIDS</i> , 2006, 1, 10-15.	3.8	8
250	Conservation of molecular and cellular phenotypes of invariant NKT cells between humans and non-human primates. <i>Immunogenetics</i> , 2019, 71, 465-478.	2.4	8
251	Expression of CD40L by the ALVAC-Simian Immunodeficiency Virus Vector Abrogates T Cell Responses in Macaques. <i>Journal of Virology</i> , 2020, 94, .	3.4	8
252	OMIP002: Phenotypic analysis of specific human CD8 <sup>+</sup> T cells using peptide-MHC class I multimers for any of four epitopes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 821-822.	1.5	7

#	ARTICLE	IF	CITATIONS
253	Early treatment with reverse transcriptase inhibitors significantly suppresses peak plasma IFN $\gamma$ in vivo during acute simian immunodeficiency virus infection. <i>Cellular Immunology</i> , 2016, 310, 156-164.	3.0	7
254	Broad coverage of neutralization-resistant SIV strains by second-generation SIV-specific antibodies targeting the region involved in binding CD4. <i>PLoS Pathogens</i> , 2022, 18, e1010574.	4.7	6
255	Multiple stained samples are not appropriate compensation controls. , 2011, 79A, 591-593.		5
256	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. <i>PLoS ONE</i> , 2014, 9, e106240.	2.5	5
257	A Conversation with Leonard and Leonore Herzenberg. <i>Annual Review of Physiology</i> , 2014, 76, 1-20.	13.1	5
258	Real-Time Killing Assays to Assess the Potency of a New Anti-Simian Immunodeficiency Virus Chimeric Antigen Receptor T Cell. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 998-1009.	1.1	5
259	Peptide-Major Histocompatibility Complex Class I Tetramers with Enhanced Coreceptor Binding Properties Enable Visualization of Low Avidity Leukemia-Associated Antigen-Specific CD8+ T Cells.. <i>Blood</i> , 2007, 110, 1343-1343.	1.4	4
260	The Simian Immunodeficiency Virus Targets Central Cell Cycle Functions through Transcriptional Repression In vivo. <i>PLoS ONE</i> , 2011, 6, e25684.	2.5	3
261	Ebola-GP DNA Prime rAd5-GP Boost: Influence of Prime Frequency and Prime/Boost Time Interval on the Immune Response in Non-human Primates. <i>Frontiers in Immunology</i> , 2021, 12, 627688.	4.8	3
262	Development of an In Vivo Probe to Track SARS-CoV-2 Infection in Rhesus Macaques. <i>Frontiers in Immunology</i> , 2021, 12, 810047.	4.8	3
263	mRNA-1273 vaccination protects against SARS-CoV-2 $\alpha$ -elicited lung inflammation in nonhuman primates. <i>JCI Insight</i> , 2022, 7, .	5.0	3
264	Biohazard Sorting. <i>Methods in Cell Biology</i> , 2004, 75, 221-240.	1.1	2
265	Mucosa and vaccine-induced immune protection in nonhuman primates. <i>Current Opinion in HIV and AIDS</i> , 2008, 3, 387-392.	3.8	2
266	Unsung Hero Robert C. Gallo. <i>Science</i> , 2009, 323, 206-207.	12.6	2
267	Leonard Herzenberg (1931 $\hat{a}$ €“2013). <i>Nature</i> , 2013, 504, 34-34.	27.8	2
268	A high throughput lentivirus sieving assay identifies neutralization resistant Envelope sequences and predicts in vivo sieving. <i>Journal of Immunological Methods</i> , 2019, 464, 64-73.	1.4	2
269	Tissue Trafficking Kinetics of Rhesus Macaque Natural Killer Cells Measured by Serial Intravascular Staining. <i>Frontiers in Immunology</i> , 2021, 12, 772332.	4.8	2
270	CCR5 and HIV: the less, the better. <i>Blood</i> , 2007, 109, 854-854.	1.4	1



#	ARTICLE	IF	CITATIONS
271	Leonard Herzenberg (1931â€“2013): The Life of FACS. <i>Immunity</i> , 2013, 39, 989-991.	14.3	1
272	HIV vaccines: can mucosal CD4 T cells be protected?. <i>Current Opinion in HIV and AIDS</i> , 2006, 1, 272-276.	3.8	0
273	Data quality in the study of the mechanisms of extracorporeal photochemotherapy. <i>Blood</i> , 2011, 117, 366-367.	1.4	0
274	Use of Enzyme-digested Virus-like Particles as Probes for Flow Cytometric Sorting of HIV-specific Neutralizing Ab-producing B-cells. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A20-A20.	1.1	0
275	High Avidity Leukemia-Associated Antigen-Specific CD8+ T Cells Preferentially Localize to the Bone Marrow in Patients with Myeloid Malignancies.. <i>Blood</i> , 2007, 110, 2763-2763.	1.4	0
276	HLA-Class I Alleles Impact Susceptibility To EBV+ Classical Hodgkin Lymphoma By Altering EBV Latent Antigen-Specific CD8+ T-Cell Immune Hierarchies. <i>Blood</i> , 2013, 122, 630-630.	1.4	0
277	Uncovering the Molecular Signature of Pathogenic Tissue-Infiltrating T Cells during Acute Graft-Versus-Host Disease. <i>Blood</i> , 2018, 132, 805-805.	1.4	0
278	Evaluation of the Relationship between Clonal Hematopoiesis and Severe COVID-19 Disease in Rhesus Macaques. <i>Blood</i> , 2021, 138, 3279-3279.	1.4	0