Mario Roederer

List of Publications by Year
in descending order

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	Protection from SARS-CoV-2 Delta one year after mRNA-1273 vaccination in rhesus macaques coincides with anamnestic antibody response in the lung. Cell, 2022, 185, 113-130.e15.	28.9	64
2	Analysis of antibody binding specificities in twin and SNP-genotyped cohorts reveals that antiviral antibody epitope selection is a heritable trait. Immunity, 2022, 55, 174-184.e5.	14.3	22
3	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits similar B cell expansion, neutralizing responses, and protection from Omicron. Cell, 2022, 185, 1556-1571.e18.	28.9	179
4	Mild SARS-CoV-2 infection in rhesus macaques is associated with viral control prior to antigen-specific T cell responses in tissues. Science Immunology, 2022, 7, eabo0535.	11.9	17
5	Safety and tolerability of AAV8 delivery of a broadly neutralizing antibody in adults living with HIV: a phase 1, dose-escalation trial. Nature Medicine, 2022, 28, 1022-1030.	30.7	34
6	mRNA-1273 vaccination protects against SARS-CoV-2â€"elicited lung inflammation in nonhuman primates. JCI Insight, 2022, 7, .	5.0	3
7	Broad coverage of neutralization-resistant SIV strains by second-generation SIV-specific antibodies targeting the region involved in binding CD4. PLoS Pathogens, 2022, 18, e1010574.	4.7	6
8	Recapitulation of HIV-1 Env-antibody coevolution in macaques leading to neutralization breadth. Science, 2021, 371, .	12.6	49
9	Measurement of leukocyte trafficking kinetics in macaques by serial intravascular staining. Science Translational Medicine, 2021, 13, .	12.4	20
10	Anti-V2 antibodies virus vulnerability revealed by envelope V1 deletion in HIV vaccine candidates. IScience, 2021, 24, 102047.	4.1	16
11	T Cells Specific for a Mycobacterial Glycolipid Expand after Intravenous Bacillus Calmetteâ€"GuÃ©rin Vaccination. Journal of Immunology, 2021, 206, 1240-1250.	0.8	18
12	Evaluation of chimeric antigen receptor T cell therapy in non-human primates infected with SHIV or SIV. PLoS ONE, 2021, 16, e0248973.	2.5	10
13	Ebola-GP DNA Prime rAd5-GP Boost: Influence of Prime Frequency and Prime/Boost Time Interval on the Immune Response in Non-human Primates. Frontiers in Immunology, 2021, 12, 627688.	4.8	3
14	Immune Trait Shifts in Association With Tobacco Smoking: A Study in Healthy Women. Frontiers in Immunology, 2021, 12, 637974.	4.8	18
15	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. Science, 2021, 373, .	12.6	174
16	Protective antibodies elicited by SARS-CoV-2 spike protein vaccination are boosted in the lung after challenge in nonhuman primates. Science Translational Medicine, 2021, 13, .	12.4	56
17	mRNA-1273 protects against SARS-CoV-2 beta infection in nonhuman primates. Nature Immunology, 2021, 22, 1306-1315.	14.5	57
18	Durability of mRNA-1273 vaccineâ€"induced antibodies against SARS-CoV-2 variants. Science, 2021, 373, 1372-1377.	12.6	459

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19	Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. Science, 2021, 373, eabj0299.	12.6	244
20	Spatiotemporal single-cell profiling reveals that invasive and tissue-resident memory donor CD8 ⁺ T cells drive gastrointestinal acute graft-versus-host disease. Science Translational Medicine, 2021, 13, .	12.4	39
21	Protection against SARS-CoV-2 Beta variant in mRNA-1273 vaccineâ€"boosted nonhuman primates. Science, 2021, 374, 1343-1353.	12.6	83
22	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
23	Robust IgM responses following intravenous vaccination with Bacille Calmetteâ€"GuÃ©rin associate with prevention of Mycobacterium tuberculosis infection in macaques. Nature Immunology, 2021, 22, 1515-1523.	14.5	55
24	Evaluation of the Relationship between Clonal Hematopoiesis and Severe COVID-19 Disease in Rhesus Macaques. Blood, 2021, 138, 3279-3279.	1.4	0
25	Tissue Trafficking Kinetics of Rhesus Macaque Natural Killer Cells Measured by Serial Intravascular Staining. Frontiers in Immunology, 2021, 12, 772332.	4.8	2
26	Development of an In Vivo Probe to Track SARS-CoV-2 Infection in Rhesus Macaques. Frontiers in Immunology, 2021, 12, 810047.	4.8	3
27	Prevention of tuberculosis in macaques after intravenous BCG immunization. Nature, 2020, 577, 95-102.	27.8	394
28	Real-Time Killing Assays to Assess the Potency of a New Anti-Simian Immunodeficiency Virus Chimeric Antigen Receptor T Cell. AIDS Research and Human Retroviruses, 2020, 36, 998-1009.	1.1	5
29	Evaluation of the mRNA-1273 Vaccine against SARS-CoV-2 in Nonhuman Primates. New England Journal of Medicine, 2020, 383, 1544-1555.	27.0	936
30	<scp>OMIPâ€068</scp>: <scp>Highâ€Dimensional</scp> Characterization of Global and <scp>Antigenâ€Specific</scp> B Cells in Chronic Infection. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 1037-1043.	1.5	12
31	The V2 loop of HIV gp120 delivers costimulatory signals to CD4⁺T cells through Integrin Î±₄Î²₇and promotes cellular activation and infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32566-32573.	7.1	14
32	Distinct neutralizing antibody correlates of protection among related Zika virus vaccines identify a role for antibody quality. Science Translational Medicine, 2020, 12, .	12.4	30
33	Dysregulated Antibody, Natural Killer Cell and Immune Mediator Profiles in Autoimmune Thyroid Diseases. Cells, 2020, 9, 665.	4.1	18
34	Expression of CD40L by the ALVAC-Simian Immunodeficiency Virus Vector Abrogates T Cell Responses in Macaques. Journal of Virology, 2020, 94, .	3.4	8
35	OMIPâ€058: 30â€Parameter Flow Cytometry Panel to Characterize iNKT, NK, Unconventional and Conventional T Cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 946-951.	1.5	26
36	OMIPâ€060: 30â€Parameter Flow Cytometry Panel to Assess T Cell Effector Functions and Regulatory T Cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 1129-1134.	1.5	45

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37	Blocking Î± ₄ Î² ₇ integrin binding to SIV does not improve virologic control. Science, 2019, 365, 1033-1036.	12.6	31
38	A Meta-analysis of Passive Immunization Studies Shows that Serum-Neutralizing Antibody Titer Associates with Protection against SHIV Challenge. Cell Host and Microbe, 2019, 26, 336-346.e3.	11.0	88
39	Antibody Fabâ€Fc properties outperform titer in predictive models of <scp>SIV</scp> vaccineâ€induced protection. Molecular Systems Biology, 2019, 15, e8747.	7.2	17
40	Conservation of molecular and cellular phenotypes of invariant NKT cells between humans and non-human primates. Immunogenetics, 2019, 71, 465-478.	2.4	8
41	IL15 by Continuous Intravenous Infusion to Adult Patients with Solid Tumors in a Phase I Trial Induced Dramatic NK-Cell Subset Expansion. Clinical Cancer Research, 2019, 25, 4945-4954.	7.0	82
42	Myeloid Cell Crosstalk Regulates the Efficacy of the DNA/ALVAC/gp120 HIV Vaccine Candidate. Frontiers in Immunology, 2019, 10, 1072.	4.8	15
43	The peripheral differentiation of human natural killer T cells. Immunology and Cell Biology, 2019, 97, 586-596.	2.3	20
44	Rational design and in vivo selection of SHIVs encoding transmitted/founder subtype C HIV-1 envelopes. PLoS Pathogens, 2019, 15, e1007632.	4.7	20
45	A high throughput lentivirus sieving assay identifies neutralization resistant Envelope sequences and predicts in vivo sieving. Journal of Immunological Methods, 2019, 464, 64-73.	1.4	2
46	A genetic IFN/STAT1/FAS axis determines CD4 T stem cell memory levels and apoptosis in healthy controls and Adult T-cell Leukemia patients. OncoImmunology, 2018, 7, e1426423.	4.6	17
47	Intranasal Live Influenza Vaccine Priming Elicits Localized B Cell Responses in Mediastinal Lymph Nodes. Journal of Virology, 2018, 92, .	3.4	30
48	Neutralization tiers of HIV-1. Current Opinion in HIV and AIDS, 2018, 13, 128-136.	3.8	89
49	The early expansion of anergic NKG2A^{pos}/CD56^{dim}/CD16^{neg} natural killer represents a therapeutic target in haploidentical hematopoietic stem cell transplantation. Haematologica, 2018, 103, 1390-1402.	3.5	61
50	Geographic clonal tracking in macaques provides insights into HSPC migration and differentiation. Journal of Experimental Medicine, 2018, 215, 217-232.	8.5	32
51	A deadly dance: the choreography of hostâ€"pathogen interactions, as revealed by single-cell technologies. Nature Communications, 2018, 9, 4638.	12.8	34
52	Vectored delivery of anti-SIV envelope targeting mAb via AAV8 protects rhesus macaques from repeated limiting dose intrarectal swarm SIVsmE660 challenge. PLoS Pathogens, 2018, 14, e1007395.	4.7	37
53	Route of immunization defines multiple mechanisms of vaccine-mediated protection against SIV. Nature Medicine, 2018, 24, 1590-1598.	30.7	129
54	Select gp120 V2 domain specific antibodies derived from HIV and SIV infection and vaccination inhibit gp120 binding to Î±4Î²7. PLoS Pathogens, 2018, 14, e1007278.	4.7	29

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55	HIV vaccine candidate activation of hypoxia and the inflammasome in CD14+ monocytes is associated with a decreased risk of SIVmac251 acquisition. Nature Medicine, 2018, 24, 847-856.	30.7	65
56	Vaccine Generation of Protective Ebola Antibodies and Identification of Conserved B-Cell Signatures. Journal of Infectious Diseases, 2018, 218, S528-S536.	4.0	17
57	Background fluorescence and spreading error are major contributors of variability in highâ€dimensional flow cytometry data visualization by tâ€distributed stochastic neighboring embedding. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2018, 93, 785-792.	1.5	36
58	Uncovering the Molecular Signature of Pathogenic Tissue-Infiltrating T Cells during Acute Graft-Versus-Host Disease. Blood, 2018, 132, 805-805.	1.4	0
59	Chimpanzee Adenovirus Vector Ebola Vaccine. New England Journal of Medicine, 2017, 376, 928-938.	27.0	243
60	Attenuated PfSPZ Vaccine induces strain-transcending T cells and durable protection against heterologous controlled human malaria infection. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2711-2716.	7.1	201
61	Innate and adaptive immune traits are differentially affected by genetic and environmental factors. Nature Communications, 2017, 8, 13850.	12.8	107
62	Trispecific broadly neutralizing HIV antibodies mediate potent SHIV protection in macaques. Science, 2017, 358, 85-90.	12.6	225
63	Combined single-cell quantitation of host and SIV genes and proteins ex vivo reveals host-pathogen interactions in individual cells. PLoS Pathogens, 2017, 13, e1006445.	4.7	25
64	Sieve analysis of breakthrough HIV-1 sequences in HVTN 505 identifies vaccine pressure targeting the CD4 binding site of Env-gp120. PLoS ONE, 2017, 12, e0185959.	2.5	27
65	Reconstitution of Peripheral T Cells by Tissue-Derived CCR4+ Central Memory Cells Following HIV-1 Antiretroviral Therapy. Pathogens and Immunity, 2016, 1, 260.	3.1	17
66	Targeted Isolation of Antibodies Directed against Major Sites of SIV Env Vulnerability. PLoS Pathogens, 2016, 12, e1005537.	4.7	51
67	Distributions of autofluorescence after compensation: Be panglossian, fret not. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 398-402.	1.5	20
68	flow<scp>C</scp>lean: Automated identification and removal of fluorescence anomalies in flow cytometry data. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 461-471.	1.5	52
69	Protection against malaria at 1 year and immune correlates following PfSPZ vaccination. Nature Medicine, 2016, 22, 614-623.	30.7	313
70	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. Journal of Immunology, 2016, 197, 2726-2737.	0.8	34
71	Rapid development of a DNA vaccine for Zika virus. Science, 2016, 354, 237-240.	12.6	348
72	A simple tube adapter to expedite and automate thawing of viably frozen cells. Journal of Immunological Methods, 2016, 439, 74-78.	1.4	13

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73	Early treatment with reverse transcriptase inhibitors significantly suppresses peak plasma IFNÎ± in vivo during acute simian immunodeficiency virus infection. Cellular Immunology, 2016, 310, 156-164.	3.0	7
74	Vaccine-Induced Antibodies that Neutralize Group 1 and Group 2 Influenza A Viruses. Cell, 2016, 166, 609-623.	28.9	270
75	Adjuvant-dependent innate and adaptive immune signatures of risk of SIVmac251 acquisition. Nature Medicine, 2016, 22, 762-770.	30.7	197
76	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. Lancet Infectious Diseases, The, 2016, 16, 31-42.	9.1	187
77	Potential To Streamline Heterologous DNA Prime and NYVAC/Protein Boost HIV Vaccine Regimens in Rhesus Macaques by Employing Improved Antigens. Journal of Virology, 2016, 90, 4133-4149.	3.4	22
78	Identification of human viral proteinâ€derived ligands recognized by individual MHCIâ€restricted Tâ€cell receptors. Immunology and Cell Biology, 2016, 94, 573-582.	2.3	25
79	Targeting HIV-1 Env gp140 to LOX-1 Elicits Immune Responses in Rhesus Macaques. PLoS ONE, 2016, 11, e0153484.	2.5	20
80	Breakthrough Virus Neutralization Resistance as a Correlate of Protection in a Nonhuman Primate Heterologous Simian Immunodeficiency Virus Vaccine Challenge Study. Journal of Virology, 2015, 89, 12388-12400.	3.4	12
81	Flow cytometry strikes gold. Science, 2015, 350, 739-740.	12.6	101
82	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. Lancet, The, 2015, 385, 1545-1554.	13.7	109
83	Filarial Infection Modulates the Immune Response to Mycobacterium tuberculosis through Expansion of CD4+ IL-4 Memory T Cells. Journal of Immunology, 2015, 194, 2706-2714.	0.8	16
84	The Genetic Architecture of the Human Immune System: A Bioresource for Autoimmunity and Disease Pathogenesis. Cell, 2015, 161, 387-403.	28.9	292
85	Role of naive-derived T memory stem cells in T-cell reconstitution following allogeneic transplantation. Blood, 2015, 125, 2855-2864.	1.4	132
86	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. Journal of Virology, 2015, 89, 8643-8650.	3.4	42
87	Broadly Neutralizing Human Immunodeficiency Virus Type 1 Antibody Gene Transfer Protects Nonhuman Primates from Mucosal Simian-Human Immunodeficiency Virus Infection. Journal of Virology, 2015, 89, 8334-8345.	3.4	100
88	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. Journal of Virology, 2015, 89, 8525-8539.	3.4	35
89	IL15 and T-cell Stemness in T-cellâ€"Based Cancer Immunotherapy. Cancer Research, 2015, 75, 5187-5193.	0.9	86
90	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. Journal of Clinical Oncology, 2015, 33, 74-82.	1.6	571

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91	Antigen expression determines adenoviral vaccine potency independent of IFN and STING signaling. Journal of Clinical Investigation, 2015, 125, 1129-1146.	8.2	97
92	Parsimonious Determination of the Optimal Infectious Dose of a Pathogen for Nonhuman Primate Models. PLoS Pathogens, 2015, 11, e1005100.	4.7	13
93	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). PLoS ONE, 2014, 9, e91366.	2.5	23
94	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.	2.5	5
95	A nonhuman primate toxicology and immunogenicity study evaluating aerosol delivery of AERAS-402/Ad35 vaccine. Human Vaccines and Immunotherapeutics, 2014, 10, 2199-2210.	3.3	25
96	Loss of Circulating CD4 T Cells with B Cell Helper Function during Chronic HIV Infection. PLoS Pathogens, 2014, 10, e1003853.	4.7	153
97	Q and B values are critical measurements required for interâ€instrument standardization and development of multicolor flow cytometry staining panels. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 1037-1048.	1.5	31
98	Differential Impact of Magnitude, Polyfunctional Capacity, and Specificity of HIV-Specific CD8 ⁺ T Cell Responses on HIV Set Point. Journal of Virology, 2014, 88, 1819-1824.	3.4	36
99	Establishment and maintenance of a PBMC repository for functional cellular studies in support of clinical vaccine trials. Journal of Immunological Methods, 2014, 409, 107-116.	1.4	34
100	A Conversation with Leonard and Leonore Herzenberg. Annual Review of Physiology, 2014, 76, 1-20.	13.1	5
101	Immunological and virological mechanisms of vaccine-mediated protection against SIV and HIV. Nature, 2014, 505, 502-508.	27.8	140
102	Single-cell technologies for monitoring immune systems. Nature Immunology, 2014, 15, 128-135.	14.5	337
103	Use of Enzyme-digested Virus-like Particles as Probes for Flow Cytometric Sorting of HIV-specific Neutralizing Ab-producing B-cells. AIDS Research and Human Retroviruses, 2014, 30, A20-A20.	1.1	0
104	Enhanced Potency of a Broadly Neutralizing HIV-1 Antibody In Vitro Improves Protection against Lentiviral Infection In Vivo. Journal of Virology, 2014, 88, 12669-12682.	3.4	248
105	Aerosol Vaccination with AERAS-402 Elicits Robust Cellular Immune Responses in the Lungs of Rhesus Macaques but Fails To Protect against High-Dose Mycobacterium tuberculosis Challenge. Journal of Immunology, 2014, 193, 1799-1811.	0.8	87
106	Mixture models for single-cell assays with applications to vaccine studies. Biostatistics, 2014, 15, 87-101.	1.5	68
107	Chimpanzee adenovirus vaccine generates acute and durable protective immunity against ebolavirus challenge. Nature Medicine, 2014, 20, 1126-1129.	30.7	311
108	Protection Against Malaria by Intravenous Immunization with a Nonreplicating Sporozoite Vaccine. Science, 2013, 341, 1359-1365.	12.6	686

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109	Leonard Herzenberg (1931â€“2013). Nature, 2013, 504, 34-34.	27.8	2
110	The who's who of <scp>T</scp>â€cell differentiation: Human memory <scp>T</scp>â€cell subsets. European Journal of Immunology, 2013, 43, 2797-2809.	2.9	785
111	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. Journal of Immunology, 2013, 190, 2720-2735.	0.8	99
112	Leonard Herzenberg (1931â€“2013): The Life of FACS. Immunity, 2013, 39, 989-991.	14.3	1
113	Highly multiplexed quantitation of gene expression on single cells. Journal of Immunological Methods, 2013, 391, 133-145.	1.4	72
114	Identification, isolation and in vitro expansion of human and nonhuman primate T stem cell memory cells. Nature Protocols, 2013, 8, 33-42.	12.0	181
115	Early immunologic and virologic predictors of clinical HIV-1 disease progression. Aids, 2013, 27, 697-706.	2.2	13
116	Holoendemic Malaria Exposure Is Associated with Altered Epstein-Barr Virus-Specific CD8 ⁺ T-Cell Differentiation. Journal of Virology, 2013, 87, 1779-1788.	3.4	39
117	OMIPâ€017: Human CD4⁺ helper Tâ€cell subsets including follicular helper cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83A, 439-440.	1.5	68
118	Quantifying spillover spreading for comparing instrument performance and aiding in multicolor panel design. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83A, 306-315.	1.5	98
119	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. PLoS ONE, 2013, 8, e59340.	2.5	71
120	Superior T memory stem cell persistence supports long-lived T cell memory. Journal of Clinical Investigation, 2013, 123, 594-9.	8.2	287
121	HLA-Class I Alleles Impact Susceptibility To EBV+ Classical Hodgkin Lymphoma By Altering EBV Latent Antigen-Specific CD8+ T-Cell Immune Hierarchies. Blood, 2013, 122, 630-630.	1.4	0
122	Virus Inhibition Activity of Effector Memory CD8 ⁺ T Cells Determines Simian Immunodeficiency Virus Load in Vaccinated Monkeys after Vaccine Breakthrough Infection. Journal of Virology, 2012, 86, 5877-5884.	3.4	37
123	Increased Memory Differentiation Is Associated with Decreased Polyfunctionality for HIV but Not for Cytomegalovirus-Specific CD8+T Cells. Journal of Immunology, 2012, 189, 3838-3847.	0.8	18
124	Selective expansion of polyfunctional pathogen-specific CD4+ T cells in HIV-1â€“infected patients with immune reconstitution inflammatory syndrome. Blood, 2012, 119, 3105-3112.	1.4	91
125	Quality assurance for polychromatic flow cytometry using a suite of calibration beads. Nature Protocols, 2012, 7, 2067-2079.	12.0	128
126	RchyOptimyx: Cellular hierarchy optimization for flow cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 1022-1030.	1.5	53

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127	Gene-Based Vaccination with a Mismatched Envelope Protects against Simian Immunodeficiency Virus Infection in Nonhuman Primates. Journal of Virology, 2012, 86, 7760-7770.	3.4	31
128	HIV-1 Neutralizing Antibodies Display Dual Recognition of the Primary and Coreceptor Binding Sites and Preferential Binding to Fully Cleaved Envelope Glycoproteins. Journal of Virology, 2012, 86, 11231-11241.	3.4	61
129	Optimization and qualification of an 8-color intracellular cytokine staining assay for quantifying T cell responses in rhesus macaques for pre-clinical vaccine studies. Journal of Immunological Methods, 2012, 386, 10-21.	1.4	33
130	Brilliant violet fluorophores: A new class of ultrabright fluorescent compounds for immunofluorescence experiments. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 456-466.	1.5	92
131	CD4 T follicular helper cell dynamics during SIV infection. Journal of Clinical Investigation, 2012, 122, 3281-3294.	8.2	307
132	A human memory T cell subset with stem cellâ€"like properties. Nature Medicine, 2011, 17, 1290-1297.	30.7	1,547
133	Focused Evolution of HIV-1 Neutralizing Antibodies Revealed by Structures and Deep Sequencing. Science, 2011, 333, 1593-1602.	12.6	788
134	CD8+ cellular immunity mediates rAd5 vaccine protection against Ebola virus infection of nonhuman primates. Nature Medicine, 2011, 17, 1128-1131.	30.7	200
135	The Simian Immunodeficiency Virus Targets Central Cell Cycle Functions through Transcriptional Repression In vivo. PLoS ONE, 2011, 6, e25684.	2.5	3
136	Data quality in the study of the mechanisms of extracorporeal photochemotherapy. Blood, 2011, 117, 366-367.	1.4	0
137	Safety (toxicity), pharmacokinetics, immunogenicity, and impact on elements of the normal immune system of recombinant human IL-15 in rhesus macaques. Blood, 2011, 117, 4787-4795.	1.4	165
138	Surface expression patterns of negative regulatory molecules identify determinants of virus-specific CD8+ T-cell exhaustion in HIV infection. Blood, 2011, 117, 4805-4815.	1.4	193
139	Heavy metal contaminants can eliminate quantum dot fluorescence. , 2011, 79A, 84-89.		20
140	Interpretation of cellular proliferation data: Avoid the panglossian. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 95-101.	1.5	191
141	SPICE: Exploration and analysis of postâ€cytometric complex multivariate datasets. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 167-174.	1.5	799
142	Highâ€throughput quantitative analysis of HIVâ€1 and SIVâ€specific ADCCâ€mediating antibody responses. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 603-612.	1.5	197
143	Multiple stained samples are not appropriate compensation controls. , 2011, 79A, 591-593.		5
144	A Phase I study evaluating the safety and immunogenicity of MVA85A, a candidate TB vaccine, in HIV-infected adults. BMJ Open, 2011, 1, e000223-e000223.	1.9	42

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145	Recombinant Adenovirus Serotype 26 (Ad26) and Ad35 Vaccine Vectors Bypass Immunity to Ad5 and Protect Nonhuman Primates against Ebolavirus Challenge. Journal of Virology, 2011, 85, 4222-4233.	3.4	176
146	Single-cell gene-expression profiling reveals qualitatively distinct CD8 T cells elicited by different gene-based vaccines. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5724-5729.	7.1	86
147	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. PLoS Pathogens, 2011, 7, e1001273.	4.7	90
148	Data analysis in flow cytometry: The future just started. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 705-713.	1.5	168
149	Good cell, bad cell: Flow cytometry reveals Tâ€cell subsets important in HIV disease. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 614-622.	1.5	63
150	Publication of optimized multicolor immunofluorescence panels. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 814-818.	1.5	57
151	OMIPâ€001: Quality and phenotype of Agâ€responsive human Tâ€cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 819-820.	1.5	26
152	OMIPâ€002: Phenotypic analysis of specific human CD8+ Tâ€cells using peptideâ€MHC class I multimers for any of four epitopes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 821-822.	1.5	7
153	A model for harmonizing flow cytometry in clinical trials. Nature Immunology, 2010, 11, 975-978.	14.5	130
154	Priming Immunization with DNA Augments Immunogenicity of Recombinant Adenoviral Vectors for Both HIV-1 Specific Antibody and T-Cell Responses. PLoS ONE, 2010, 5, e9015.	2.5	125
155	IL-10 production differentially influences the magnitude, quality, and protective capacity of Th1 responses depending on the vaccine platform. Journal of Experimental Medicine, 2010, 207, 1421-1433.	8.5	81
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