

# Mario Roederer

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

276  
papers

37,034  
citations

100  
h-index

190  
g-index

285  
ext. papers

42,682  
ext. citations

13.4  
avg, IF

6.96  
L-index

#	Paper	IF	Citations
276	Analysis of antibody binding specificities in twin and SNP-genotyped cohorts reveals that antiviral antibody epitope selection is a heritable trait.. <i>Immunity</i> , <b>2022</b> , 55, 174-184.e5	32.3	4
275	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits similar B cell expansion, neutralizing responses, and protection from Omicron.. <i>Cell</i> , <b>2022</b> ,	56.2	22
274	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> , <b>2022</b> , 7, eabo0535	28	1
273	Tissue Trafficking Kinetics of Rhesus Macaque Natural Killer Cells Measured by Serial Intravascular Staining.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 772332	8.4	0
272	Phase I study of single agent NIZ985, a recombinant heterodimeric IL-15 agonist, in adult patients with metastatic or unresectable solid tumors <b>2021</b> , 9,		2
271	Robust IgM responses following intravenous vaccination with Bacille Calmette-Guérin associate with prevention of Mycobacterium tuberculosis infection in macaques. <i>Nature Immunology</i> , <b>2021</b> , 22, 1515-1523	19.1	7
270	Evaluation of the Relationship between Clonal Hematopoiesis and Severe COVID-19 Disease in Rhesus Macaques. <i>Blood</i> , <b>2021</b> , 138, 3279-3279	2.2	
269	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> , <b>2021</b> ,	56.2	24
268	Protection against SARS-CoV-2 Beta variant in mRNA-1273 vaccine-boosted nonhuman primates. <i>Science</i> , <b>2021</b> , 374, 1343-1353	33.3	32
267	Protection from SARS-CoV-2 Delta one year after mRNA-1273 vaccination in nonhuman primates is coincident with an anamnestic antibody response in the lower airway <b>2021</b> ,		4
266	Vaccination with SARS-CoV-2 Spike Protein and AS03 Adjuvant Induces Rapid Anamnestic Antibodies in the Lung and Protects Against Virus Challenge in Nonhuman Primates <b>2021</b> ,		13
265	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> , <b>2021</b> , 12, 627688	8.4	0
264	Immune Trait Shifts in Association With Tobacco Smoking: A Study in Healthy Women. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 637974	8.4	7
263	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. <i>Science</i> , <b>2021</b> , 373,	33.3	80
262	Recapitulation of HIV-1 Env-antibody coevolution in macaques leading to neutralization breadth. <i>Science</i> , <b>2021</b> , 371,	33.3	22
261	Measurement of leukocyte trafficking kinetics in macaques by serial intravascular staining. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	8
260	Anti-V2 antibodies virus vulnerability revealed by envelope V1 deletion in HIV vaccine candidates. <i>Science</i> , <b>2021</b> , 24, 102047	6.1	2

259	T Cells Specific for a Mycobacterial Glycolipid Expand after Intravenous Bacillus Calmette-Guérin Vaccination. <i>Journal of Immunology</i> , <b>2021</b> , 206, 1240-1250	5.3	7
258	Evaluation of chimeric antigen receptor T cell therapy in non-human primates infected with SHIV or SIV. <i>PLoS ONE</i> , <b>2021</b> , 16, e0248973	3.7	3
257	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> , <b>2021</b> , 13,	17.5	17
256	mRNA-1273 protects against SARS-CoV-2 beta infection in nonhuman primates. <i>Nature Immunology</i> , <b>2021</b> , 22, 1306-1315	19.1	32
255	Durability of mRNA-1273 vaccine-induced antibodies against SARS-CoV-2 variants. <i>Science</i> , <b>2021</b> , 373, 1372-1377	33.3	150
254	Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. <i>Science</i> , <b>2021</b> , 373, eabj0299	33.3	86
253	Spatiotemporal single-cell profiling reveals that invasive and tissue-resident memory donor CD8 T cells drive gastrointestinal acute graft-versus-host disease. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	12
252	Development of an Probe to Track SARS-CoV-2 Infection in Rhesus Macaques.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 810047	8.4	1
251	The V2 loop of HIV gp120 delivers costimulatory signals to CD4 T cells through Integrin $\alpha$ 5 $\beta$ 1 and promotes cellular activation and infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 32566-32573	11.5	6
250	Distinct neutralizing antibody correlates of protection among related Zika virus vaccines identify a role for antibody quality. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	11
249	Dysregulated Antibody, Natural Killer Cell and Immune Mediator Profiles in Autoimmune Thyroid Diseases. <i>Cells</i> , <b>2020</b> , 9,	7.9	7
248	Expression of CD40L by the ALVAC-Simian Immunodeficiency Virus Vector Abrogates T Cell Responses in Macaques. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	6
247	Prevention of tuberculosis in macaques after intravenous BCG immunization. <i>Nature</i> , <b>2020</b> , 577, 95-102	50.4	204
246	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> , <b>2020</b> , 36, 998-1009	1.6	1
245	Evaluation of the mRNA-1273 Vaccine against SARS-CoV-2 in Nonhuman Primates. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 1544-1555	59.2	612
244	OMIP-068: 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> , <b>2020</b> , 97, 1037-1043 <sup>3</sup>	4.6	3
243	Blocking $\alpha$ 5 $\beta$ 1 Integrin binding to SIV does not improve virologic control. <i>Science</i> , <b>2019</b> , 365, 1033-1036	33.3	22
242	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> , <b>2019</b> , 26, 336-346.e3	23.4	43

241	Antibody Fab-Fc properties outperform titer in predictive models of SIV vaccine-induced protection. <i>Molecular Systems Biology</i> , <b>2019</b> , 15, e8747	12.2	10
240	Conservation of molecular and cellular phenotypes of invariant NKT cells between humans and non-human primates. <i>Immunogenetics</i> , <b>2019</b> , 71, 465-478	3.2	6
239	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> , <b>2019</b> , 25, 4945-4954	12.9	47
238	Myeloid Cell Crosstalk Regulates the Efficacy of the DNA/ALVAC/gp120 HIV Vaccine Candidate. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1072	8.4	11
237	The peripheral differentiation of human natural killer T cells. <i>Immunology and Cell Biology</i> , <b>2019</b> , 97, 586-596	8	
236	Rational design and in vivo selection of SHIVs encoding transmitted/founder subtype C HIV-1 envelopes. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007632	7.6	9
235	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> , <b>2019</b> , 95, 946-951	4.6	13
234	OMIP-060: 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> , <b>2019</b> , 95, 1129-1134	4.6	23
233	A high throughput lentivirus sieving assay identifies neutralization resistant Envelope sequences and predicts in vivo sieving. <i>Journal of Immunological Methods</i> , <b>2019</b> , 464, 64-73	2.5	1
232	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>Onc Immunology</i> , <b>2018</b> , 7, e1426423	7.2	9
231	Intranasal Live Influenza Vaccine Priming Elicits Localized B Cell Responses in Mediastinal Lymph Nodes. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	22
230	Neutralization tiers of HIV-1. <i>Current Opinion in HIV and AIDS</i> , <b>2018</b> , 13, 128-136	4.2	53
229	The early expansion of anergic NKG2A/CD56/CD16 natural killer represents a therapeutic target in haploidentical hematopoietic stem cell transplantation. <i>Haematologica</i> , <b>2018</b> , 103, 1390-1402	6.6	47
228	Vaccine Generation of Protective Ebola Antibodies and Identification of Conserved B-Cell Signatures. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 218, S528-S536	7	9
227	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> , <b>2018</b> , 93, 785-792	4.6	25
226	Uncovering the Molecular Signature of Pathogenic Tissue-Infiltrating T Cells during Acute Graft-Versus-Host Disease. <i>Blood</i> , <b>2018</b> , 132, 805-805	2.2	
225	Geographic clonal tracking in macaques provides insights into HSPC migration and differentiation. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 217-232	16.6	24
224	A deadly dance: the choreography of host-pathogen interactions, as revealed by single-cell technologies. <i>Nature Communications</i> , <b>2018</b> , 9, 4638	17.4	14

223	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> , <b>2018</b> , 14, e1007395	7.6	19
222	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
221	Select gp120 V2 domain specific antibodies derived from HIV and SIV infection and vaccination inhibit gp120 binding to $\alpha$ 7. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007278	7.6	21
220	HIV vaccine candidate activation of hypoxia and the inflammasome in CD14 monocytes is associated with a decreased risk of SIV acquisition. <i>Nature Medicine</i> , <b>2018</b> , 24, 847-856	50.5	37
219	Chimpanzee Adenovirus Vector Ebola Vaccine. <i>New England Journal of Medicine</i> , <b>2017</b> , 376, 928-938	59.2	179
218	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> , <b>2017</b> , 114, 2711-2716	11.5	137
217	Innate and adaptive immune traits are differentially affected by genetic and environmental factors. <i>Nature Communications</i> , <b>2017</b> , 8, 13850	17.4	57
216	Combined single-cell quantitation of host and SIV genes and proteins ex vivo reveals host-pathogen interactions in individual cells. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006445	7.6	20
215	Trispecific broadly neutralizing HIV antibodies mediate potent SHIV protection in macaques. <i>Science</i> , <b>2017</b> , 358, 85-90	33.3	176
214	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> , <b>2017</b> , 12, e0185959	3.7	20
213	A simple tube adapter to expedite and automate thawing of viably frozen cells. <i>Journal of Immunological Methods</i> , <b>2016</b> , 439, 74-78	2.5	7
212	Early treatment with reverse transcriptase inhibitors significantly suppresses peak plasma IFN $\gamma$ in vivo during acute simian immunodeficiency virus infection. <i>Cellular Immunology</i> , <b>2016</b> , 310, 156-164	4.4	7
211	Vaccine-Induced Antibodies that Neutralize Group 1 and Group 2 Influenza A Viruses. <i>Cell</i> , <b>2016</b> , 166, 609-623	56.2	215
210	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
209	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> , <b>2016</b> , 16, 31-42	25.5	152
208	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> , <b>2016</b> , 90, 4133-4149	6.6	19
207	Identification of human viral protein-derived ligands recognized by individual MHCI-restricted T-cell receptors. <i>Immunology and Cell Biology</i> , <b>2016</b> , 94, 573-82	5	15
206	Targeting HIV-1 Env gp140 to LOX-1 Elicits Immune Responses in Rhesus Macaques. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153484	3.7	15

205	Reconstitution of Peripheral T Cells by Tissue-Derived CCR4+ Central Memory Cells Following HIV-1 Antiretroviral Therapy. <i>Pathogens and Immunity</i> , <b>2016</b> , 1, 260-290	4.9	12
204	Targeted Isolation of Antibodies Directed against Major Sites of SIV Env Vulnerability. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005537	7.6	39
203	Distributions of autofluorescence after compensation: Be panglossian, fret not. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2016</b> , 89, 398-402	4.6	14
202	flowClean: 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> , <b>2016</b> , 89, 461-71	4.6	27
201	Protection against malaria at 1 year and immune correlates following PfSPZ vaccination. <i>Nature Medicine</i> , <b>2016</b> , 22, 614-23	50.5	210
200	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> , <b>2016</b> , 197, 2726-37	5.3	25
199	Rapid development of a DNA vaccine for Zika virus. <i>Science</i> , <b>2016</b> , 354, 237-240	33.3	284
198	The genetic architecture of the human immune system: a bioresource for autoimmunity and disease pathogenesis. <i>Cell</i> , <b>2015</b> , 161, 387-403	56.2	179
197	Role of naive-derived T memory stem cells in T-cell reconstitution following allogeneic transplantation. <i>Blood</i> , <b>2015</b> , 125, 2855-64	2.2	100
196	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> , <b>2015</b> , 89, 8643-50	6.6	40
195	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> , <b>2015</b> , 89, 8334-45	6.6	81
194	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> , <b>2015</b> , 89, 8525-39	6.6	31
193	IL15 and T-cell Stemness in T-cell-Based Cancer Immunotherapy. <i>Cancer Research</i> , <b>2015</b> , 75, 5187-5193	10.1	56
192	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> , <b>2015</b> , 33, 74-82	2.2	394
191	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> , <b>2015</b> , 89, 12388-400	6.6	12
190	HISTORY OF SCIENCE. Flow cytometry strikes gold. <i>Science</i> , <b>2015</b> , 350, 739-40	33.3	77
189	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> , <b>2015</b> , 385, 1545-54	4.0	87
188	Filarial infection modulates the immune response to Mycobacterium tuberculosis through expansion of CD4+ IL-4 memory T cells. <i>Journal of Immunology</i> , <b>2015</b> , 194, 2706-14	5.3	14

187	Antigen expression determines adenoviral vaccine potency independent of IFN and STING signaling. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 1129-46	15.9	67
186	Parsimonious Determination of the Optimal Infectious Dose of a Pathogen for Nonhuman Primate Models. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005100	7.6	8
185	Immunological and virological mechanisms of vaccine-mediated protection against SIV and HIV. <i>Nature</i> , <b>2014</b> , 505, 502-8	50.4	120
184	Single-cell technologies for monitoring immune systems. <i>Nature Immunology</i> , <b>2014</b> , 15, 128-35	19.1	287
183	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> , <b>2014</b> , 30, A20-A20	1.6	78
182	Enhanced potency of a broadly neutralizing HIV-1 antibody in vitro improves protection against lentiviral infection in vivo. <i>Journal of Virology</i> , <b>2014</b> , 88, 12669-82	6.6	198
181	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. <i>Journal of Immunology</i> , <b>2014</b> , 193, 1799-811	5.3	74
180	Mixture models for single-cell assays with applications to vaccine studies. <i>Biostatistics</i> , <b>2014</b> , 15, 87-101	3.7	52
179	Chimpanzee adenovirus vaccine generates acute and durable protective immunity against ebolavirus challenge. <i>Nature Medicine</i> , <b>2014</b> , 20, 1126-9	50.5	250
178	Phase I randomized clinical trial of VRC DNA and rAd5 HIV-1 vaccine delivery by intramuscular (i.m.), subcutaneous (s.c.) and intradermal (i.d.) administration (VRC 011). <i>PLoS ONE</i> , <b>2014</b> , 9, e91366	3.7	17
177	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> , <b>2014</b> , 9, e106240	3.7	5
176	A nonhuman primate toxicology and immunogenicity study evaluating aerosol delivery of AERAS-402/Ad35 vaccine: Evidence for transient t cell responses in peripheral blood and robust sustained responses in the lungs. <i>Human Vaccines and Immunotherapeutics</i> , <b>2014</b> , 10, 2199-210	4.4	18
175	Loss of circulating CD4 T cells with B cell helper function during chronic HIV infection. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003853	7.6	133
174	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> , <b>2014</b> , 85, 1037-48	4.6	23
173	Differential impact of magnitude, polyfunctional capacity, and specificity of HIV-specific CD8+ T cell responses on HIV set point. <i>Journal of Virology</i> , <b>2014</b> , 88, 1819-24	6.6	32
172	Establishment and maintenance of a PBMC repository for functional cellular studies in support of clinical vaccine trials. <i>Journal of Immunological Methods</i> , <b>2014</b> , 409, 107-16	2.5	29
171	A conversation with Leonard and Leonore Herzenberg. <i>Annual Review of Physiology</i> , <b>2014</b> , 76, 1-20	23.1	3
170	Protection against malaria by intravenous immunization with a nonreplicating sporozoite vaccine. <i>Science</i> , <b>2013</b> , 341, 1359-65	33.3	537

169	Leonard Herzenberg (1931-2013). <i>Nature</i> , <b>2013</b> , 504, 34	50.4	2
168	The whoQ who of T-cell differentiation: human memory T-cell subsets. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 2797-809	6.1	499
167	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> , <b>2013</b> , 190, 2720-35	5.3	74
166	Highly multiplexed quantitation of gene expression on single cells. <i>Journal of Immunological Methods</i> , <b>2013</b> , 391, 133-45	2.5	58
165	Identification, isolation and in vitro expansion of human and nonhuman primate T stem cell memory cells. <i>Nature Protocols</i> , <b>2013</b> , 8, 33-42	18.8	138
164	Early immunologic and virologic predictors of clinical HIV-1 disease progression. <i>Aids</i> , <b>2013</b> , 27, 697-706	3.5	13
163	Holoendemic malaria exposure is associated with altered Epstein-Barr virus-specific CD8(+) T-cell differentiation. <i>Journal of Virology</i> , <b>2013</b> , 87, 1779-88	6.6	28
162	OMIP-017: human CD4(+) helper T-cell subsets including follicular helper cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2013</b> , 83, 439-40	4.6	42
161	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> , <b>2013</b> , 83, 306-15	4.6	71
160	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> , <b>2013</b> , 8, e59340	3.7	57
159	Superior T memory stem cell persistence supports long-lived T cell memory. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 594-9	15.9	216
158	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> , <b>2013</b> , 122, 630-630	2.2	
157	Selective expansion of polyfunctional pathogen-specific CD4(+) T cells in HIV-1-infected patients with immune reconstitution inflammatory syndrome. <i>Blood</i> , <b>2012</b> , 119, 3105-12	2.2	79
156	Quality assurance for polychromatic flow cytometry using a suite of calibration beads. <i>Nature Protocols</i> , <b>2012</b> , 7, 2067-79	18.8	95
155	RchyOptimyx: cellular hierarchy optimization for flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2012</b> , 81, 1022-30	4.6	46
154	Gene-based vaccination with a mismatched envelope protects against simian immunodeficiency virus infection in nonhuman primates. <i>Journal of Virology</i> , <b>2012</b> , 86, 7760-70	6.6	29
153	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> , <b>2012</b> , 86, 11231-41	6.6	51
152	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> , <b>2012</b> , 386, 10-21	2.5	26

151	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> , <b>2012</b> , 81, 456-66	4.6	81
150	Virus inhibition activity of effector memory CD8(+) T cells determines simian immunodeficiency virus load in vaccinated monkeys after vaccine breakthrough infection. <i>Journal of Virology</i> , <b>2012</b> , 86, 5877-84	6.6	33
149	Increased memory differentiation is associated with decreased polyfunctionality for HIV but not for cytomegalovirus-specific CD8+ T cells. <i>Journal of Immunology</i> , <b>2012</b> , 189, 3838-47	5.3	17
148	CD4 T follicular helper cell dynamics during SIV infection. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 3281-94	15.9	256
147	A human memory T cell subset with stem cell-like properties. <i>Nature Medicine</i> , <b>2011</b> , 17, 1290-7	50.5	1153
146	Focused evolution of HIV-1 neutralizing antibodies revealed by structures and deep sequencing. <i>Science</i> , <b>2011</b> , 333, 1593-602	33.3	688
145	CD8+ cellular immunity mediates rAd5 vaccine protection against Ebola virus infection of nonhuman primates. <i>Nature Medicine</i> , <b>2011</b> , 17, 1128-31	50.5	170
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1	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits comparable B cell expansion, neutralizing antibodies and protection against Omicron		12