Mario Roederer

List of Publications by Citations

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	HIV nonprogressors preferentially maintain highly functional HIV-specific CD8+ T cells. *Blood*, **2006**, 107, 4781-9	2.2	1477
275	Rational design of envelope identifies broadly neutralizing human monoclonal antibodies to HIV-1. *Science*, **2010**, 329, 856-61	33.3	1327
274	Sensitive and viable identification of antigen-specific CD8+ T cells by a flow cytometric assay for degranulation. *Journal of Immunological Methods*, **2003**, 281, 65-78	2.5	1278
273	T-cell quality in memory and protection: implications for vaccine design. *Nature Reviews Immunology*, **2008**, 8, 247-58	36.5	1169
272	A human memory T cell subset with stem cell-like properties. *Nature Medicine*, **2011**, 17, 1290-7	50.5	1153
271	Multifunctional TH1 cells define a correlate of vaccine-mediated protection against Leishmania major. *Nature Medicine*, **2007**, 13, 843-50	50.5	1081
270	Massive infection and loss of memory CD4+ T cells in multiple tissues during acute SIV infection. *Nature*, **2005**, 434, 1093-7	50.4	1048
269	Characterization of circulating T cells specific for tumor-associated antigens in melanoma patients. *Nature Medicine*, **1999**, 5, 677-85	50.5	947
268	Seventeen-colour flow cytometry: unravelling the immune system. *Nature Reviews Immunology*, **2004**, 4, 648-55	36.5	792
267	Expression of CD57 defines replicative senescence and antigen-induced apoptotic death of CD8+ T cells. *Blood*, **2003**, 101, 2711-20	2.2	743
266	PD-1 is a regulator of virus-specific CD8+ T cell survival in HIV infection. *Journal of Experimental Medicine*, **2006**, 203, 2281-92	16.6	725
265	Focused evolution of HIV-1 neutralizing antibodies revealed by structures and deep sequencing. *Science*, **2011**, 333, 1593-602	33.3	688
264	Evaluation of the mRNA-1273 Vaccine against SARS-CoV-2 in Nonhuman Primates. *New England Journal of Medicine*, **2020**, 383, 1544-1555	59.2	612
263	SPICE: exploration and analysis of post-cytometric complex multivariate datasets. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2011**, 79, 167-74	4.6	588
262	Phenotype and function of human T lymphocyte subsets: consensus and issues. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2008**, 73, 975-83	4.6	549
261	Protection against malaria by intravenous immunization with a nonreplicating sporozoite vaccine. *Science*, **2013**, 341, 1359-65	33.3	537
260	The who@ who of T-cell differentiation: human memory T-cell subsets. *European Journal of Immunology*, **2013**, 43, 2797-809	6.1	499

259	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, 465-74	8.7	406
258	Emerging concepts in the immunopathogenesis of AIDS. *Annual Review of Medicine*, **2009**, 60, 471-84	17.4	404
257	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	2.2	394
256	Accelerated vaccination for Ebola virus haemorrhagic fever in non-human primates. *Nature*, **2003**, 424, 681-4	50.4	383
255	11-color, 13-parameter flow cytometry: identification of human naive T cells by phenotype, function, and T-cell receptor diversity. *Nature Medicine*, **2001**, 7, 245-8	50.5	382
254	Immunization with vaccinia virus induces polyfunctional and phenotypically distinctive CD8(+) T cell responses. *Journal of Experimental Medicine*, **2007**, 204, 1405-16	16.6	374
253	Ex vivo identification, isolation and analysis of tumor-cytolytic T cells. *Nature Medicine*, **2003**, 9, 1377-82	50.5	355
252	A practical approach to multicolor flow cytometry for immunophenotyping. *Journal of Immunological Methods*, **2000**, 243, 77-97	2.5	346
251	Quantum dot semiconductor nanocrystals for immunophenotyping by polychromatic flow cytometry. *Nature Medicine*, **2006**, 12, 972-7	50.5	316
250	Avidity for antigen shapes clonal dominance in CD8+ T cell populations specific for persistent DNA viruses. *Journal of Experimental Medicine*, **2005**, 202, 1349-61	16.6	315
249	T-cell subsets that harbor human immunodeficiency virus (HIV) in vivo: implications for HIV pathogenesis. *Journal of Virology*, **2004**, 78, 1160-8	6.6	305
248	Single-cell technologies for monitoring immune systems. *Nature Immunology*, **2014**, 15, 128-35	19.1	287
247	Rapid development of a DNA vaccine for Zika virus. *Science*, **2016**, 354, 237-240	33.3	284
246	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, 15190-4	11.5	275
245	Acquisition of direct antiviral effector functions by CMV-specific CD4+ T lymphocytes with cellular maturation. *Journal of Experimental Medicine*, **2006**, 203, 2865-77	16.6	264
244	Phase 1 safety and immunogenicity evaluation of a multiclade HIV-1 candidate vaccine delivered by a replication-defective recombinant adenovirus vector. *Journal of Infectious Diseases*, **2006**, 194, 1638-49	7	263
243	Toll-like receptor ligands modulate dendritic cells to augment cytomegalovirus- and HIV-1-specific T cell responses. *Journal of Immunology*, **2003**, 171, 4320-8	5.3	261
242	CD4 T follicular helper cell dynamics during SIV infection. *Journal of Clinical Investigation*, **2012**, 122, 3281-94	15.9	256

241	A live-cell assay to detect antigen-specific CD4+ T cells with diverse cytokine profiles. *Nature Medicine*, **2005**, 11, 1113-7	50.5	254
240	Chimpanzee adenovirus vaccine generates acute and durable protective immunity against ebolavirus challenge. *Nature Medicine*, **2014**, 20, 1126-9	50.5	250
239	Toll-like receptor agonists influence the magnitude and quality of memory T cell responses after prime-boost immunization in nonhuman primates. *Journal of Experimental Medicine*, **2006**, 203, 1249-58	16.6	243
238	The size of the viral inoculum contributes to the outcome of hepatitis B virus infection. *Journal of Virology*, **2009**, 83, 9652-62	6.6	234
237	Role of BCR affinity in T cell dependent antibody responses in vivo. *Nature Immunology*, **2002**, 3, 570-5	19.1	226
236	Superior T memory stem cell persistence supports long-lived T cell memory. *Journal of Clinical Investigation*, **2013**, 123, 594-9	15.9	216
235	Vaccine-Induced Antibodies that Neutralize Group 1 and Group 2 Influenza A Viruses. *Cell*, **2016**, 166, 609-623	56.2	215
234	Intracellular cytokine optimization and standard operating procedure. *Nature Protocols*, **2006**, 1, 1507-16	18.8	212
233	Protection against malaria at 1 year and immune correlates following PfSPZ vaccination. *Nature Medicine*, **2016**, 22, 614-23	50.5	210
232	Prevention of tuberculosis in macaques after intravenous BCG immunization. *Nature*, **2020**, 577, 95-102	50.4	204
231	Enhanced potency of a broadly neutralizing HIV-1 antibody in vitro improves protection against lentiviral infection in vivo. *Journal of Virology*, **2014**, 88, 12669-82	6.6	198
230	Role of antigen receptor affinity in T cell-independent antibody responses in vivo. *Nature Immunology*, **2002**, 3, 399-406	19.1	196
229	HIV-1 actively replicates in naive CD4(+) T cells residing within human lymphoid tissues. *Immunity*, **2001**, 15, 671-82	32.3	192
228	Immunisation with BCG and recombinant MVA85A induces long-lasting, polyfunctional Mycobacterium tuberculosis-specific CD4+ memory T lymphocyte populations. *European Journal of Immunology*, **2007**, 37, 3089-100	6.1	190
227	Preferential infection and depletion of Mycobacterium tuberculosis-specific CD4 T cells after HIV-1 infection. *Journal of Experimental Medicine*, **2010**, 207, 2869-81	16.6	188
226	A DNA vaccine for Ebola virus is safe and immunogenic in a phase I clinical trial. *Vaccine Journal*, **2006**, 13, 1267-77		188
225	Polyfunctional T cell responses are a hallmark of HIV-2 infection. *European Journal of Immunology*, **2008**, 38, 350-63	6.1	187
224	Chimpanzee Adenovirus Vector Ebola Vaccine. *New England Journal of Medicine*, **2017**, 376, 928-938	59.2	179

223	The genetic architecture of the human immune system: a bioresource for autoimmunity and disease pathogenesis. *Cell*, **2015**, 161, 387-403	56.2	179
222	Trispecific broadly neutralizing HIV antibodies mediate potent SHIV protection in macaques. *Science*, **2017**, 358, 85-90	33.3	176
221	Elevation of plasma thioredoxin levels in HIV-infected individuals. *International Immunology*, **1996**, 8, 603-11	4.9	174
220	The cytolytic enzymes granyzme A, granzyme B, and perforin: expression patterns, cell distribution, and their relationship to cell maturity and bright CD57 expression. *Journal of Leukocyte Biology*, **2009**, 85, 88-97	6.5	173
219	Amine reactive dyes: an effective tool to discriminate live and dead cells in polychromatic flow cytometry. *Journal of Immunological Methods*, **2006**, 313, 199-208	2.5	173
218	CD8+ cellular immunity mediates rAd5 vaccine protection against Ebola virus infection of nonhuman primates. *Nature Medicine*, **2011**, 17, 1128-31	50.5	170
217	Vaccination in humans generates broad T cell cytokine responses. *Journal of Immunology*, **2004**, 173, 5372-80	5.3	169
216	Live-cell assay to detect antigen-specific CD4+ T-cell responses by CD154 expression. *Nature Protocols*, **2006**, 1, 1-6	18.8	168
215	Immune protection of nonhuman primates against Ebola virus with single low-dose adenovirus vectors encoding modified GPs. *PLoS Medicine*, **2006**, 3, e177	11.6	165
214	Quality assurance for polychromatic flow cytometry. *Nature Protocols*, **2006**, 1, 1522-30	18.8	162
213	Vaccination preserves CD4 memory T cells during acute simian immunodeficiency virus challenge. *Journal of Experimental Medicine*, **2006**, 203, 1533-41	16.6	160
212	Beyond six colors: a new era in flow cytometry. *Nature Medicine*, **2003**, 9, 112-7	50.5	160
211	High-throughput quantitative analysis of HIV-1 and SIV-specific ADCC-mediating antibody responses. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2011**, 79, 603-12	4.6	159
210	Optimizing a multicolor immunophenotyping assay. *Clinics in Laboratory Medicine*, **2007**, 27, 469-85, v	2.1	156
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. *Lancet Infectious Diseases, The*, **2016**, 16, 31-42	25.5	152
208	Surface expression patterns of negative regulatory molecules identify determinants of virus-specific CD8+ T-cell exhaustion in HIV infection. *Blood*, **2011**, 117, 4805-15	2.2	152
207	Durability of mRNA-1273 vaccine-induced antibodies against SARS-CoV-2 variants. *Science*, **2021**, 373, 1372-1377	33.3	150
206	A West Nile virus DNA vaccine induces neutralizing antibody in healthy adults during a phase 1 clinical trial. *Journal of Infectious Diseases*, **2007**, 196, 1732-40	7	149

205	Adjuvant-dependent innate and adaptive immune signatures of risk of SIVmac251 acquisition. *Nature Medicine*, **2016**, 22, 762-70	50.5	147
204	Ontogeny of gamma delta T cells in humans. *Journal of Immunology*, **2004**, 172, 1637-45	5.3	146
203	The history and future of the fluorescence activated cell sorter and flow cytometry: a view from Stanford. *Clinical Chemistry*, **2002**, 48, 1819-27	5.5	145
202	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, 4222-33	6.6	141
201	Elevated frequencies of highly activated CD4+ T cells in HIV+ patients developing immune reconstitution inflammatory syndrome. *Blood*, **2010**, 116, 3818-27	2.2	140
200	Increased CD95/Fas-induced apoptosis of HIV-specific CD8(+) T cells. *Immunity*, **2001**, 15, 871-82	32.3	140
199	Intracellular glutathione levels in T cell subsets decrease in HIV-infected individuals. *AIDS Research and Human Retroviruses*, **1992**, 8, 305-11	1.6	139
198	Identification, isolation and in vitro expansion of human and nonhuman primate T stem cell memory cells. *Nature Protocols*, **2013**, 8, 33-42	18.8	138
197	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	11.5	137
196	Interpretation of cellular proliferation data: avoid the panglossian. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2011**, 79, 95-101	4.6	135
195	A chromatic explosion: the development and future of multiparameter flow cytometry. *Immunology* , **2008**, 125, 441-9	7.8	134
194	Loss of circulating CD4 T cells with B cell helper function during chronic HIV infection. *PLoS Pathogens*, **2014**, 10, e1003853	7.6	133
193	Data analysis in flow cytometry: the future just started. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2010**, 77, 705-13	4.6	131
192	N-acetylcysteine: a new approach to anti-HIV therapy. *AIDS Research and Human Retroviruses*, **1992**, 8, 209-17	1.6	129
191	Safety (toxicity), pharmacokinetics, immunogenicity, and impact on elements of the normal immune system of recombinant human IL-15 in rhesus macaques. *Blood*, **2011**, 117, 4787-95	2.2	127
190	Phase I clinical evaluation of a six-plasmid multiclade HIV-1 DNA candidate vaccine. *Vaccine*, **2007**, 25, 4085-92	4.1	127
189	CD4 and CD8 T cells with high intracellular glutathione levels are selectively lost as the HIV infection progresses. *International Immunology*, **1991**, 3, 933-7	4.9	121
188	Immunological and virological mechanisms of vaccine-mediated protection against SIV and HIV. *Nature*, **2014**, 505, 502-8	50.4	120

187	Characterization of functional and phenotypic changes in anti-Gag vaccine-induced T cell responses and their role in protection after HIV-1 infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 4512-7	11.5	119
186	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. *Journal of Cellular Physiology*, **1987**, 131, 200-9	7	119
185	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	3.7	118
184	Public clonotype usage identifies protective Gag-specific CD8+ T cell responses in SIV infection. *Journal of Experimental Medicine*, **2009**, 206, 923-36	16.6	117
183	The functional profile of primary human antiviral CD8+ T cell effector activity is dictated by cognate peptide concentration. *Journal of Immunology*, **2004**, 172, 6407-17	5.3	116
182	Antioxidants inhibit stimulation of HIV transcription. *AIDS Research and Human Retroviruses*, **1993**, 9, 299-306	1.6	109
181	A model for harmonizing flow cytometry in clinical trials. *Nature Immunology*, **2010**, 11, 975-8	19.1	105
180	Human immunodeficiency virus type 1 neutralization measured by flow cytometric quantitation of single-round infection of primary human T cells. *Journal of Virology*, **2002**, 76, 4810-21	6.6	102
179	Flow cytometric DNA analysis of neuroblastoma and ganglioneuroma. A 10-year retrospective study. *Cancer*, **1988**, 62, 749-54	6.4	102
178	Role of naive-derived T memory stem cells in T-cell reconstitution following allogeneic transplantation. *Blood*, **2015**, 125, 2855-64	2.2	100
177	Phenotypic and functional profile of HIV-inhibitory CD8 T cells elicited by natural infection and heterologous prime/boost vaccination. *Journal of Virology*, **2010**, 84, 4998-5006	6.6	100
176	Alpha and lambda interferon together mediate suppression of CD4 T cells induced by respiratory syncytial virus. *Journal of Virology*, **2006**, 80, 5032-40	6.6	97
175	Quality assurance for polychromatic flow cytometry using a suite of calibration beads. *Nature Protocols*, **2012**, 7, 2067-79	18.8	95
174	Demonstration of cross-protective vaccine immunity against an emerging pathogenic Ebolavirus Species. *PLoS Pathogens*, **2010**, 6, e1000904	7.6	94
173	Differential association of programmed death-1 and CD57 with ex vivo survival of CD8+ T cells in HIV infection. *Journal of Immunology*, **2009**, 183, 1120-32	5.3	88
172	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, 1545-54	40	87
171	Resting naive CD4+ T cells are massively infected and eliminated by X4-tropic simian-human immunodeficiency viruses in macaques. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 8000-5	11.5	86
170	Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. *Science*, **2021**, 373, eabj0299	33.3	86

169	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, 5724-9	11.5	83
168	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, 8334-45	6.6	81
167	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**, 81, 456-66	4.6	81
166	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. *Science*, **2021**, 373,	33.3	80
165	Selective expansion of polyfunctional pathogen-specific CD4(+) T cells in HIV-1-infected patients with immune reconstitution inflammatory syndrome. *Blood*, **2012**, 119, 3105-12	2.2	79
164	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	1.6	78
163	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	7.6	78
162	HISTORY OF SCIENCE. Flow cytometry strikes gold. *Science*, **2015**, 350, 739-40	33.3	77
161	Diversity and recognition efficiency of T cell responses to cancer. *PLoS Medicine*, **2004**, 1, e28	11.6	76
160	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, 1799-811	5.3	74
159	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, 2720-35	5.3	74
158	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, 1421-33	16.6	73
157	Route of immunization defines multiple mechanisms of vaccine-mediated protection against SIV. *Nature Medicine*, **2018**, 24, 1590-1598	50.5	73
156	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**, 83, 306-15	4.6	71
155	Characterization of subsets of CD4+ memory T cells reveals early branched pathways of T cell differentiation in humans. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 7916-21	11.5	69
154	T-cell dynamics of immunodeficiency. *Nature Medicine*, **1995**, 1, 621-2	50.5	69
153	Association of HIV-specific and total CD8+ T memory phenotypes in subtype C HIV-1 infection with viral set point. *Journal of Immunology*, **2009**, 182, 4751-61	5.3	68
152	N-acetylcysteine inhibits latent HIV expression in chronically infected cells. *AIDS Research and Human Retroviruses*, **1991**, 7, 563-7	1.6	67

151	Antigen expression determines adenoviral vaccine potency independent of IFN and STING signaling. *Journal of Clinical Investigation*, **2015**, 125, 1129-46	15.9	67
150	Autocrine production of beta-chemokines protects CMV-Specific CD4 T cells from HIV infection. *PLoS Pathogens*, **2009**, 5, e1000646	7.6	64
149	Amine-reactive dyes for dead cell discrimination in fixed samples. *Current Protocols in Cytometry*, **2010**, Chapter 9, Unit 9.34	3.6	59
148	Flow cytometric analysis of vaccine responses: how many colors are enough?. *Clinical Immunology*, **2004**, 110, 199-205	9	59
147	Highly multiplexed quantitation of gene expression on single cells. *Journal of Immunological Methods*, **2013**, 391, 133-45	2.5	58
146	Innate and adaptive immune traits are differentially affected by genetic and environmental factors. *Nature Communications*, **2017**, 8, 13850	17.4	57
145	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	3.7	57
144	IL15 and T-cell Stemness in T-cell-Based Cancer Immunotherapy. *Cancer Research*, **2015**, 75, 5187-5193	10.1	56
143	High avidity myeloid leukemia-associated antigen-specific CD8+ T cells preferentially reside in the bone marrow. *Blood*, **2009**, 113, 2238-44	2.2	55
142	Good cell, bad cell: flow cytometry reveals T-cell subsets important in HIV disease. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2010**, 77, 614-22	4.6	55
141	T-cell dynamics during acute SIV infection. *Aids*, **2004**, 18, 13-23	3.5	55
140	Genetic immunization in the lung induces potent local and systemic immune responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 22213-8	11.5	54
139	Neutralization tiers of HIV-1. *Current Opinion in HIV and AIDS*, **2018**, 13, 128-136	4.2	53
138	Mixture models for single-cell assays with applications to vaccine studies. *Biostatistics*, **2014**, 15, 87-101	3.7	52
137	Vector choice determines immunogenicity and potency of genetic vaccines against Angola Marburg virus in nonhuman primates. *Journal of Virology*, **2010**, 84, 10386-94	6.6	52
136	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, 11231-41	6.6	51
135	Increased IL-15 production is associated with higher susceptibility of memory CD4 T cells to simian immunodeficiency virus during acute infection. *Journal of Immunology*, **2009**, 182, 1439-48	5.3	50
134	Optimized lymphocyte isolation methods for analysis of chemokine receptor expression. *Journal of Immunological Methods*, **2003**, 279, 199-207	2.5	50

133	Differential specificity and immunogenicity of adenovirus type 5 neutralizing antibodies elicited by natural infection or immunization. *Journal of Virology*, **2010**, 84, 630-8	6.6	48
132	Reduced protection from simian immunodeficiency virus SIVmac251 infection afforded by memory CD8+ T cells induced by vaccination during CD4+ T-cell deficiency. *Journal of Virology*, **2008**, 82, 9629-38	6.6	48
131	Optimized determination of T cell epitope responses. *Journal of Immunological Methods*, **2003**, 274, 221-8	2.5	48
130	Differential representations of memory T cell subsets are characteristic of polarized immunity in leprosy and atopic diseases. *International Immunology*, **1999**, 11, 1801-10	4.9	48
129	Glutathione precursor and antioxidant activities of N-acetylcysteine and oxothiazolidine carboxylate compared in in vitro studies of HIV replication. *AIDS Research and Human Retroviruses*, **1994**, 10, 961-7	1.6	48
128	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	12.9	47
127	The early expansion of anergic NKG2A/CD56/CD16 natural killer represents a therapeutic target in haploidentical hematopoietic stem cell transplantation. *Haematologica*, **2018**, 103, 1390-1402	6.6	47
126	Direct functional analysis of epitope-specific CD8+ T cells in peripheral blood. *Viral Immunology*, **2001**, 14, 59-69	1.7	47
125	N-acetylcysteine: potential for AIDS therapy. *Pharmacology*, **1993**, 46, 121-9	2.3	47
124	RchyOptimyx: cellular hierarchy optimization for flow cytometry. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2012**, 81, 1022-30	4.6	46
123	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	23.4	43
122	OMIP-017: human CD4(+) helper T-cell subsets including follicular helper cells. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2013**, 83, 439-40	4.6	42
121	Techniques to improve the direct ex vivo detection of low frequency antigen-specific CD8+ T cells with peptide-major histocompatibility complex class I tetramers. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2008**, 73, 1001-9	4.6	41
120	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, 8643-50	6.6	40
119	A Phase I study evaluating the safety and immunogenicity of MVA85A, a candidate TB vaccine, in HIV-infected adults. *BMJ Open*, **2011**, 1, e000223	3	40
118	Publication of optimized multicolor immunofluorescence panels. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2010**, 77, 814-8	4.6	39
117	Dynamics of fine T-cell subsets during HIV disease and after thymic ablation by mediastinal irradiation. *Seminars in Immunology*, **1997**, 9, 389-96	10.7	39
116	Targeted Isolation of Antibodies Directed against Major Sites of SIV Env Vulnerability. *PLoS Pathogens*, **2016**, 12, e1005537	7.6	39

115	High frequencies of resting CD4+ T cells containing integrated viral DNA are found in rhesus macaques during acute lentivirus infections. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 8015-20	11.5	38
114	Changes in antigen densities on leukocyte subsets correlate with progression of HIV disease. *International Immunology*, **1996**, 8, 1-11	4.9	38
113	Flow cytometric DNA analysis of adrenocortical tumors in children. *Cancer*, **1987**, 59, 2059-63	6.4	38
112	HIV vaccine candidate activation of hypoxia and the inflammasome in CD14 monocytes is associated with a decreased risk of SIV acquisition. *Nature Medicine*, **2018**, 24, 847-856	50.5	37
111	Flow cytometry and the future of vaccine development. *Expert Review of Vaccines*, **2009**, 8, 779-89	5.2	34
110	Magnitude and quality of vaccine-elicited T-cell responses in the control of immunodeficiency virus replication in rhesus monkeys. *Journal of Virology*, **2008**, 82, 8812-9	6.6	34
109	CCR2 identifies a stable population of human effector memory CD4+ T cells equipped for rapid recall response. *Journal of Immunology*, **2010**, 185, 6646-63	5.3	33
108	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, 5877-84	6.6	33
107	Differential impact of magnitude, polyfunctional capacity, and specificity of HIV-specific CD8+ T cell responses on HIV set point. *Journal of Virology*, **2014**, 88, 1819-24	6.6	32
106	Disregulation of leukocyte glutathione in AIDS. *Annals of the New York Academy of Sciences*, **1993**, 677, 113-25	6.5	32
105	Protection against SARS-CoV-2 Beta variant in mRNA-1273 vaccine-boosted nonhuman primates. *Science*, **2021**, 374, 1343-1353	33.3	32
104	mRNA-1273 protects against SARS-CoV-2 beta infection in nonhuman primates. *Nature Immunology* , **2021**, 22, 1306-1315	19.1	32
103	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, 8525-39	6.6	31
102	Distribution, persistence, and efficacy of adoptively transferred central and effector memory-derived autologous simian immunodeficiency virus-specific CD8+ T cell clones in rhesus macaques during acute infection. *Journal of Immunology*, **2010**, 184, 315-26	5.3	31
101	Trafficking, persistence, and activation state of adoptively transferred allogeneic and autologous Simian Immunodeficiency Virus-specific CD8(+) T cell clones during acute and chronic infection of rhesus macaques. *Journal of Immunology*, **2010**, 184, 303-14	5.3	31
100	Detection of low avidity CD8(+) T cell populations with coreceptor-enhanced peptide-major histocompatibility complex class I tetramers. *Journal of Immunological Methods*, **2008**, 338, 31-9	2.5	30
99	Establishment and maintenance of a PBMC repository for functional cellular studies in support of clinical vaccine trials. *Journal of Immunological Methods*, **2014**, 409, 107-16	2.5	29
98	Gene-based vaccination with a mismatched envelope protects against simian immunodeficiency virus infection in nonhuman primates. *Journal of Virology*, **2012**, 86, 7760-70	6.6	29

97	Replication-defective adenovirus vectors with multiple deletions do not induce measurable vector-specific T cells in human trials. *Journal of Virology*, **2009**, 83, 6318-22	6.6	29
96	Holoendemic malaria exposure is associated with altered Epstein-Barr virus-specific CD8(+) T-cell differentiation. *Journal of Virology*, **2013**, 87, 1779-88	6.6	28
95	Optimizing peptide matrices for identifying T-cell antigens. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2008**, 73, 1071-8	4.6	27
94	flowClean: 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, 461-71	4.6	27
93	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	2.5	26
92	Background fluorescence and spreading error are major contributors of variability in high-dimensional flow cytometry data visualization by t-distributed stochastic neighboring embedding. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2018**,	4.6	25
91	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, 2726-37	5.3	25
90	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. *Journal of Virology*, **2008**, 82, 11467-71	6.6	24
89	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. *Journal of Virology*, **2006**, 80, 1463-75	6.6	24
88	Protection from SARS-CoV-2 Delta one year after mRNA-1273 vaccination in rhesus macaques coincides with anamnestic antibody response in the lung.. *Cell*, **2021**,	56.2	24
87	Geographic clonal tracking in macaques provides insights into HSPC migration and differentiation. *Journal of Experimental Medicine*, **2018**, 215, 217-232	16.6	24
86	OMIP-060: 30-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	4.6	23
85	Q and B values are critical measurements required for inter-instrument standardization and development of multicolor flow cytometry staining panels. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2014**, 85, 1037-48	4.6	23
84	OMIP-001: Quality and phenotype of Ag-responsive human T-cells. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2010**, 77, 819-20	4.6	23
83	Blocking β integrin binding to SIV does not improve virologic control. *Science*, **2019**, 365, 1033-1036	33.3	22
82	Intranasal Live Influenza Vaccine Priming Elicits Localized B Cell Responses in Mediastinal Lymph Nodes. *Journal of Virology*, **2018**, 92,	6.6	22
81	Recapitulation of HIV-1 Env-antibody coevolution in macaques leading to neutralization breadth. *Science*, **2021**, 371,	33.3	22
80	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits similar B cell expansion, neutralizing responses, and protection from Omicron.. *Cell*, **2022**,	56.2	22

79	Guidelines for the presentation of flow cytometric data. *Methods in Cell Biology*, **2004**, 75, 241-56	1.8	21
78	Select gp120 V2 domain specific antibodies derived from HIV and SIV infection and vaccination inhibit gp120 binding to 47. *PLoS Pathogens*, **2018**, 14, e1007278	7.6	21
77	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	7.6	20
76	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	3.7	20
75	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	6.6	19
74	Heavy metal contaminants can eliminate quantum dot fluorescence. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2011**, 79, 84-9	4.6	19
73	Glutathione and immunophenotypes of T and B lymphocytes in HIV-infected individuals. *Annals of the New York Academy of Sciences*, **1992**, 651, 453-63	6.5	19
72	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	7.6	19
71	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. *Human Vaccines and Immunotherapeutics*, **2014**, 10, 2199-210	4.4	18
70	IL-15 expands unconventional CD8alphaalphaNK1.1+ T cells but not Valpha14Jalpha18+ NKT cells. *Journal of Immunology*, **2008**, 180, 7276-86	5.3	18
69	Highly tissue substructure-specific effects of human papilloma virus in mucosa of HIV-infected patients revealed by laser-dissection microscopy-assisted gene expression profiling. *American Journal of Pathology*, **2004**, 165, 707-18	5.8	18
68	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). *PLoS ONE*, **2014**, 9, e91366	3.7	17
67	Increased memory differentiation is associated with decreased polyfunctionality for HIV but not for cytomegalovirus-specific CD8+ T cells. *Journal of Immunology*, **2012**, 189, 3838-47	5.3	17
66	Flow cytometry DNA ploidy analysis and catecholamine secretion profiles in neuroblastoma. *Cancer* , **1989**, 63, 1752-6	6.4	17
65	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,	17.5	17
64	Identification of human viral protein-derived ligands recognized by individual MHCI-restricted T-cell receptors. *Immunology and Cell Biology*, **2016**, 94, 573-82	5	15
63	Estimating the infectivity of CCR5-tropic simian immunodeficiency virus SIV(mac251) in the gut. *Journal of Virology*, **2007**, 81, 8025-9	6.6	15
62	Targeting HIV-1 Env gp140 to LOX-1 Elicits Immune Responses in Rhesus Macaques. *PLoS ONE*, **2016**, 11, e0153484	3.7	15

61	Filarial infection modulates the immune response to Mycobacterium tuberculosis through expansion of CD4+ IL-4 memory T cells. *Journal of Immunology*, **2015**, 194, 2706-14	5.3	14
60	Estimating the impact of vaccination on acute simian-human immunodeficiency virus/simian immunodeficiency virus infections. *Journal of Virology*, **2008**, 82, 11589-98	6.6	14
59	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	4.6	14
58	A deadly dance: the choreography of host-pathogen interactions, as revealed by single-cell technologies. *Nature Communications*, **2018**, 9, 4638	17.4	14
57	OMIP-058: 30-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	4.6	13
56	Early immunologic and virologic predictors of clinical HIV-1 disease progression. *Aids*, **2013**, 27, 697-706	3.5	13
55	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 **2021**,		13
54	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, 12388-400	6.6	12
53	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits comparable B cell expansion, neutralizing antibodies and protection against Omicron		12
52	Reconstitution of Peripheral T Cells by Tissue-Derived CCR4+ Central Memory Cells Following HIV-1 Antiretroviral Therapy. *Pathogens and Immunity*, **2016**, 1, 260-290	4.9	12
51	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,	17.5	12
50	Myeloid Cell Crosstalk Regulates the Efficacy of the DNA/ALVAC/gp120 HIV Vaccine Candidate. *Frontiers in Immunology*, **2019**, 10, 1072	8.4	11
49	Distinct neutralizing antibody correlates of protection among related Zika virus vaccines identify a role for antibody quality. *Science Translational Medicine*, **2020**, 12,	17.5	11
48	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. *Journal of Biological Chemistry*, **1999**, 274, 657-65	5.4	11
47	Antibody Fab-Fc properties outperform titer in predictive models of SIV vaccine-induced protection. *Molecular Systems Biology*, **2019**, 15, e8747	12.2	10
46	A potent anti-HIV immunotoxin blocks spreading infection by primary HIV type 1 isolates in multiple cell types. *AIDS Research and Human Retroviruses*, **2004**, 20, 145-50	1.6	10
45	Rational design and in vivo selection of SHIVs encoding transmitted/founder subtype C HIV-1 envelopes. *PLoS Pathogens*, **2019**, 15, e1007632	7.6	9
44	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	7.2	9

43	Vaccine Generation of Protective Ebola Antibodies and Identification of Conserved B-Cell Signatures. *Journal of Infectious Diseases*, **2018**, 218, S528-S536	7	9
42	The peripheral differentiation of human natural killer T cells. *Immunology and Cell Biology*, **2019**, 97, 586-596	3	8
41	Parsimonious Determination of the Optimal Infectious Dose of a Pathogen for Nonhuman Primate Models. *PLoS Pathogens*, **2015**, 11, e1005100	7.6	8
40	Measurement of leukocyte trafficking kinetics in macaques by serial intravascular staining. *Science Translational Medicine*, **2021**, 13,	17.5	8
39	Dysregulated Antibody, Natural Killer Cell and Immune Mediator Profiles in Autoimmune Thyroid Diseases. *Cells*, **2020**, 9,	7.9	7
38	A simple tube adapter to expedite and automate thawing of viably frozen cells. *Journal of Immunological Methods*, **2016**, 439, 74-78	2.5	7
37	Early treatment with reverse transcriptase inhibitors significantly suppresses peak plasma IFN□in vivo during acute simian immunodeficiency virus infection. *Cellular Immunology*, **2016**, 310, 156-164	4.4	7
36	OMIP-002: Phenotypic analysis of specific human CD8+ T-cells using peptide-MHC class I multimers for any of four epitopes. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2010**, 77, 821-2	4.6	7
35	Acute HIV infection: it takes more than guts. *Current Opinion in HIV and AIDS*, **2006**, 1, 10-5	4.2	7
34	Robust IgM responses following intravenous vaccination with Bacille Calmette-Gu□in associate with prevention of Mycobacterium tuberculosis infection in macaques. *Nature Immunology*, **2021**, 22, 1515-1523	19.1	7
33	Immune Trait Shifts in Association With Tobacco Smoking: A Study in Healthy Women. *Frontiers in Immunology*, **2021**, 12, 637974	8.4	7
32	T Cells Specific for a Mycobacterial Glycolipid Expand after Intravenous Bacillus Calmette-Gu□in Vaccination. *Journal of Immunology*, **2021**, 206, 1240-1250	5.3	7
31	Conservation of molecular and cellular phenotypes of invariant NKT cells between humans and non-human primates. *Immunogenetics*, **2019**, 71, 465-478	3.2	6
30	The V2 loop of HIV gp120 delivers costimulatory signals to CD4 T cells through Integrin □and promotes cellular activation and infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 32566-32573	11.5	6
29	Expression of CD40L by the ALVAC-Simian Immunodeficiency Virus Vector Abrogates T Cell Responses in Macaques. *Journal of Virology*, **2020**, 94,	6.6	6
28	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	3.7	5
27	Multiple stained samples are not appropriate compensation controls. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2011**, 79, 591-3	4.6	5
26	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	32.3	4

25	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 **2021**,		4
24	A conversation with Leonard and Leonore Herzenberg. *Annual Review of Physiology*, **2014**, 76, 1-20	23.1	3
23	The simian immunodeficiency virus targets central cell cycle functions through transcriptional repression in vivo. *PLoS ONE*, **2011**, 6, e25684	3.7	3
22	OMIP-068: High-Dimensional Characterization of Global and Antigen-Specific B Cells in Chronic Infection. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2020**, 97, 1037-1043	4.6	3
21	Evaluation of chimeric antigen receptor T cell therapy in non-human primates infected with SHIV or SIV. *PLoS ONE*, **2021**, 16, e0248973	3.7	3
20	Leonard Herzenberg (1931-2013). *Nature*, **2013**, 504, 34	50.4	2
19	Unsung hero Robert C. Gallo. *Science*, **2009**, 323, 206-7	33.3	2
18	Biohazard sorting. *Methods in Cell Biology*, **2004**, 75, 221-40	1.8	2
17	Phase I study of single agent NIZ985, a recombinant heterodimeric IL-15 agonist, in adult patients with metastatic or unresectable solid tumors **2021**, 9,		2
16	Anti-V2 antibodies virus vulnerability revealed by envelope V1 deletion in HIV vaccine candidates. *IScience*, **2021**, 24, 102047	6.1	2
15	Mucosa and vaccine-induced immune protection in nonhuman primates. *Current Opinion in HIV and AIDS*, **2008**, 3, 387-92	4.2	1
14	CCR5 and HIV: the less, the better. *Blood*, **2007**, 109, 854-854	2.2	1
13	Peptide-Major Histocompatibility Complex Class I Tetramers with Enhanced Coreceptor Binding Properties Enable Visualization of Low Avidity Leukemia-Associated Antigen-Specific CD8+ T Cells.. *Blood*, **2007**, 110, 1343-1343	2.2	1
12	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	1.6	1
11	A high throughput lentivirus sieving assay identifies neutralization resistant Envelope sequences and predicts in vivo sieving. *Journal of Immunological Methods*, **2019**, 464, 64-73	2.5	1
10	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	28	1
9	Development of an Probe to Track SARS-CoV-2 Infection in Rhesus Macaques.. *Frontiers in Immunology*, **2021**, 12, 810047	8.4	1
8	Tissue Trafficking Kinetics of Rhesus Macaque Natural Killer Cells Measured by Serial Intravascular Staining.. *Frontiers in Immunology*, **2021**, 12, 772332	8.4	0

7	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	8.4	0
6	Data quality in the study of the mechanisms of extracorporeal photochemotherapy. *Blood*, **2011**, 117, 366-7; author reply 367	2.2	
5	HIV vaccines: can mucosal CD4 T cells be protected?. *Current Opinion in HIV and AIDS*, **2006**, 1, 272-6	4.2	
4	Evaluation of the Relationship between Clonal Hematopoiesis and Severe COVID-19 Disease in Rhesus Macaques. *Blood*, **2021**, 138, 3279-3279	2.2	
3	High Avidity Leukemia-Associated Antigen-Specific CD8+ T Cells Preferentially Localize to the Bone Marrow in Patients with Myeloid Malignancies.. *Blood*, **2007**, 110, 2763-2763	2.2	
2	Uncovering the Molecular Signature of Pathogenic Tissue-Infiltrating T Cells during Acute Graft-Versus-Host Disease. *Blood*, **2018**, 132, 805-805	2.2	
1	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	2.2	