

# Justin Pollara

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,192  
citations

331259

21  
h-index

233125

45  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2932  
citing authors

#	ARTICLE	IF	CITATIONS
1	An HIV-1 gp120 Envelope Human Monoclonal Antibody That Recognizes a C1 Conformational Epitope Mediates Potent Antibody-Dependent Cellular Cytotoxicity (ADCC) Activity and Defines a Common ADCC Epitope in Human HIV-1 Serum. <i>Journal of Virology</i> , 2011, 85, 7029-7036.	1.5	210
2	High-throughput quantitative analysis of HIV-1 and SIV-specific ADCC-mediated antibody responses. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 603-612.	1.1	197
3	Diversion of HIV-1 vaccine-induced immunity by gp41-microbiota cross-reactive antibodies. <i>Science</i> , 2015, 349, aab1253.	6.0	191
4	HIV-1 Vaccine-Induced C1 and V2 Env-Specific Antibodies Synergize for Increased Antiviral Activities. <i>Journal of Virology</i> , 2014, 88, 7715-7726.	1.5	169
5	Antibody-Dependent Cellular Phagocytosis in Antiviral Immune Responses. <i>Frontiers in Immunology</i> , 2019, 10, 332.	2.2	156
6	Human Non-neutralizing HIV-1 Envelope Monoclonal Antibodies Limit the Number of Founder Viruses during SHIV Mucosal Infection in Rhesus Macaques. <i>PLoS Pathogens</i> , 2015, 11, e1005042.	2.1	145
7	Pentavalent HIV-1 vaccine protects against simian-human immunodeficiency virus challenge. <i>Nature Communications</i> , 2017, 8, 15711.	5.8	137
8	HCMV glycoprotein B subunit vaccine efficacy mediated by nonneutralizing antibody effector functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6267-6272.	3.3	136
9	Epitope Specificity of Human Immunodeficiency Virus-1 Antibody Dependent Cellular Cytotoxicity [ADCC] Responses. <i>Current HIV Research</i> , 2013, 11, 378-387.	0.2	82
10	Circulating mitochondria in deceased organ donors are associated with immune activation and early allograft dysfunction. <i>JCI Insight</i> , 2018, 3, .	2.3	62
11	Association of HIV-1 Envelope-Specific Breast Milk IgA Responses with Reduced Risk of Postnatal Mother-to-Child Transmission of HIV-1. <i>Journal of Virology</i> , 2015, 89, 9952-9961.	1.5	55
12	A yeast-expressed RBD-based SARS-CoV-2 vaccine formulated with 3M-052-alum adjuvant promotes protective efficacy in non-human primates. <i>Science Immunology</i> , 2021, 6, .	5.6	53
13	Neutralization Takes Precedence Over IgG or IgA Isotype-related Functions in Mucosal HIV-1 Antibody-mediated Protection. <i>EBioMedicine</i> , 2016, 14, 97-111.	2.7	47
14	HIV-1-Specific IgA Monoclonal Antibodies from an HIV-1 Vaccinee Mediate Galactosylceramide Blocking and Phagocytosis. <i>Journal of Virology</i> , 2018, 92, .	1.5	45
15	Adjuvant-Dependent Enhancement of HIV Env-Specific Antibody Responses in Infant Rhesus Macaques. <i>Journal of Virology</i> , 2018, 92, .	1.5	39
16	Bridging Vaccine-Induced HIV-1 Neutralizing and Effector Antibody Responses in Rabbit and Rhesus Macaque Animal Models. <i>Journal of Virology</i> , 2019, 93, .	1.5	37
17	Human Cytomegalovirus Glycoprotein B Nucleoside-Modified mRNA Vaccine Elicits Antibody Responses with Greater Durability and Breadth than MF59-Adjuvanted gB Protein Immunization. <i>Journal of Virology</i> , 2020, 94, .	1.5	37
18	Establishment and maintenance of a PBMC repository for functional cellular studies in support of clinical vaccine trials. <i>Journal of Immunological Methods</i> , 2014, 409, 107-116.	0.6	34

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19	Lessons learned from human HIV vaccine trials. <i>Current Opinion in HIV and AIDS</i> , 2017, 12, 216-221.	1.5	31
20	Impact of Poxvirus Vector Priming, Protein Coadministration, and Vaccine Intervals on HIV gp120 Vaccine-Elicited Antibody Magnitude and Function in Infant Macaques. <i>Vaccine Journal</i> , 2017, 24, .	3.2	28
21	Vaccine-Induced Antibodies Mediate Higher Antibody-Dependent Cellular Cytotoxicity After Interleukin-15 Pretreatment of Natural Killer Effector Cells. <i>Frontiers in Immunology</i> , 2019, 10, 2741.	2.2	25
22	Combined HIV-1 Envelope Systemic and Mucosal Immunization of Lactating Rhesus Monkeys Induces a Robust Immunoglobulin A Isotype B Cell Response in Breast Milk. <i>Journal of Virology</i> , 2016, 90, 4951-4965.	1.5	23
23	Antibody-Dependent Cellular Cytotoxicity (ADCC)-Mediating Antibodies Constrain Neutralizing Antibody Escape Pathway. <i>Frontiers in Immunology</i> , 2019, 10, 2875.	2.2	20
24	Application of area scaling analysis to identify natural killer cell and monocyte involvement in the GranToxiLux antibody dependent cell-mediated cytotoxicity assay. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 436-447.	1.1	18
25	Coadministration of CH31 Broadly Neutralizing Antibody Does Not Affect Development of Vaccine-Induced Anti-HIV-1 Envelope Antibody Responses in Infant Rhesus Macaques. <i>Journal of Virology</i> , 2019, 93, .	1.5	18
26	Vaccine-Induced HIV-1 Envelope gp120 Constant Region 1-Specific Antibodies Expose a CD4-Inducible Epitope and Block the Interaction of HIV-1 gp140 with Galactosylceramide. <i>Journal of Virology</i> , 2014, 88, 9406-9417.	1.5	16
27	Polyclonal HIV envelope-specific breast milk antibodies limit founder SHIV acquisition and cell-associated virus loads in infant rhesus monkeys. <i>Mucosal Immunology</i> , 2018, 11, 1716-1726.	2.7	15
28	Simian-Human Immunodeficiency Virus SHIV.CH505-Infected Infant and Adult Rhesus Macaques Exhibit Similar Env-Specific Antibody Kinetics, despite Distinct T-Follicular Helper and Germinal Center B Cell Landscapes. <i>Journal of Virology</i> , 2019, 93, .	1.5	15
29	An Enhanced Synthetic Multiclude DNA Prime Induces Improved Cross-Clade-Reactive Functional Antibodies when Combined with an Adjuvanted Protein Boost in Nonhuman Primates. <i>Journal of Virology</i> , 2015, 89, 9154-9166.	1.5	14
30	Envelope-specific B-cell populations in African green monkeys chronically infected with simian immunodeficiency virus. <i>Nature Communications</i> , 2016, 7, 12131.	5.8	14
31	Analytical Treatment Interruption after Short-Term Antiretroviral Therapy in a Postnatally Simian-Human Immunodeficiency Virus-Infected Infant Rhesus Macaque Model. <i>MBio</i> , 2019, 10, .	1.8	14
32	Humoral Immune Correlates for Prevention of Postnatal Cytomegalovirus Acquisition. <i>Journal of Infectious Diseases</i> , 2019, 220, 772-780.	1.9	14
33	Oral Coadministration of an Intramuscular DNA/Modified Vaccinia Ankara Vaccine for Simian Immunodeficiency Virus Is Associated with Better Control of Infection in Orally Exposed Infant Macaques. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 310-325.	0.5	12
34	Specificity and effector functions of non-neutralizing gB-specific monoclonal antibodies isolated from healthy individuals with human cytomegalovirus infection. <i>Virology</i> , 2020, 548, 182-191.	1.1	11
35	Functional Homology for Antibody-Dependent Phagocytosis Across Humans and Rhesus Macaques. <i>Frontiers in Immunology</i> , 2021, 12, 678511.	2.2	11
36	Redirection of Cord Blood T Cells and Natural Killer Cells for Elimination of Autologous HIV-1-Infected Target Cells Using Bispecific DART <sup>®</sup> Molecules. <i>Frontiers in Immunology</i> , 2020, 11, 713.	2.2	10

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37	Tissue memory B cell repertoire analysis after ALVAC/AIDSVAX B/E gp120 immunization of rhesus macaques. JCI Insight, 2016, 1, e88522.	2.3	10
38	Anti-HIV antibody development up to 1 year after antiretroviral therapy initiation in acute HIV infection. Journal of Clinical Investigation, 2022, 132, .	3.9	9
39	Selection of HIV Envelope strains for standardized assessments of vaccine-elicited antibody-dependent cellular cytotoxicity (ADCC)-mediating antibodies. Journal of Virology, 2021, , JVI0164321.	1.5	7
40	HIV Env-Specific IgG Antibodies Induced by Vaccination of Neonatal Rhesus Macaques Persist and Can Be Augmented by a Late Booster Immunization in Infancy. MSphere, 2020, 5, .	1.3	6
41	Maternal Humoral Immune Responses Do Not Predict Postnatal HIV-1 Transmission Risk in Antiretroviral-Treated Mothers from the IMPAACT PROMISE Study. MSphere, 2019, 4, .	1.3	4
42	Development of flow cytometry-based assays to assess the ability of antibodies to bind to SARS-CoV-2-infected and spike-transfected cells and mediate NK cell degranulation. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2022, .	1.1	4
43	Broadly binding and functional antibodies and persisting memory B cells elicited by HIV vaccine PDPHV. Npj Vaccines, 2022, 7, 18.	2.9	2
44	Vaccine-Induced, High-Magnitude HIV Env-Specific Antibodies with Fc-Mediated Effector Functions Are Insufficient to Protect Infant Rhesus Macaques against Oral SHIV Infection. MSphere, 2022, 7, e0083921.	1.3	2
45	Induction of Antibodies with Long Variable Heavy Third Complementarity Determining Regions by Repetitive Boosting with AIDSVAX B/E in RV144 Vaccinees. AIDS Research and Human Retroviruses, 2014, 30, A36-A36.	0.5	1
46	Structure and Fc-Effector Function of Rhesusized Variants of Human Anti-HIV-1 IgG1s. Frontiers in Immunology, 2021, 12, 787603.	2.2	1
47	Early Post-Vaccination Gene Signatures Correlate With the Magnitude and Function of Vaccine-Induced HIV Envelope-Specific Plasma Antibodies in Infant Rhesus Macaques. Frontiers in Immunology, 2022, 13, 840976.	2.2	1
48	Predominant envelope variable loop 2-specific and gp120-specific antibody-dependent cellular cytotoxicity antibody responses in acutely SIV-infected African green monkeys. Retrovirology, 2018, 15, 24.	0.9	0