

Peter Abbink

List of Publications by Year in descending order

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61
papers

7,546
citations

101543

36
h-index

118850

62
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all docs

63
docs citations

63
times ranked

9495
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 infection protects against rechallenge in rhesus macaques. <i>Science</i> , 2020, 369, 812-817.	12.6	789
2	Protective efficacy of multiple vaccine platforms against Zika virus challenge in rhesus monkeys. <i>Science</i> , 2016, 353, 1129-1132.	12.6	461
3	Vaccine protection against Zika virus from Brazil. <i>Nature</i> , 2016, 536, 474-478.	27.8	460
4	Vaccine protection against acquisition of neutralization-resistant SIV challenges in rhesus monkeys. <i>Nature</i> , 2012, 482, 89-93.	27.8	452
5	Immune control of an SIV challenge by a T-cell-based vaccine in rhesus monkeys. <i>Nature</i> , 2009, 457, 87-91.	27.8	433
6	Hexon-chimaeric adenovirus serotype 5 vectors circumvent pre-existing anti-vector immunity. <i>Nature</i> , 2006, 441, 239-243.	27.8	432
7	Comparative Seroprevalence and Immunogenicity of Six Rare Serotype Recombinant Adenovirus Vaccine Vectors from Subgroups B and D. <i>Journal of Virology</i> , 2007, 81, 4654-4663.	3.4	429
8	Rapid development of a DNA vaccine for Zika virus. <i>Science</i> , 2016, 354, 237-240.	12.6	348
9	Protective Efficacy of a Global HIV-1 Mosaic Vaccine against Heterologous SHIV Challenges in Rhesus Monkeys. <i>Cell</i> , 2013, 155, 531-539.	28.9	334
10	Protective efficacy of adenovirus/protein vaccines against SIV challenges in rhesus monkeys. <i>Science</i> , 2015, 349, 320-324.	12.6	303
11	Ad26/MVA therapeutic vaccination with TLR7 stimulation in SIV-infected rhesus monkeys. <i>Nature</i> , 2016, 540, 284-287.	27.8	246
12	Antibody and TLR7 agonist delay viral rebound in SHIV-infected monkeys. <i>Nature</i> , 2018, 563, 360-364.	27.8	246
13	Zika Virus Persistence in the Central Nervous System and Lymph Nodes of Rhesus Monkeys. <i>Cell</i> , 2017, 169, 610-620.e14.	28.9	191
14	Preliminary aggregate safety and immunogenicity results from three trials of a purified inactivated Zika virus vaccine candidate: phase 1, randomised, double-blind, placebo-controlled clinical trials. <i>Lancet</i> , The, 2018, 391, 563-571.	13.7	165
15	Vaccine-Induced Protection from Homologous Tier 2 SHIV Challenge in Nonhuman Primates Depends on Serum-Neutralizing Antibody Titers. <i>Immunity</i> , 2019, 50, 241-252.e6.	14.3	153
16	Antibody-mediated protection against SHIV challenge includes systemic clearance of distal virus. <i>Science</i> , 2016, 353, 1045-1049.	12.6	129
17	Impact of prior flavivirus immunity on Zika virus infection in rhesus macaques. <i>PLoS Pathogens</i> , 2017, 13, e1006487.	4.7	129
18	Magnitude and Phenotype of Cellular Immune Responses Elicited by Recombinant Adenovirus Vectors and Heterologous Prime-Boost Regimens in Rhesus Monkeys. <i>Journal of Virology</i> , 2008, 82, 4844-4852.	3.4	113

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19	Durability and correlates of vaccine protection against Zika virus in rhesus monkeys. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	108
20	Protection against a mixed SHIV challenge by a broadly neutralizing antibody cocktail. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	106
21	Fetal Neuropathology in Zika Virus-Infected Pregnant Female Rhesus Monkeys. <i>Cell</i> , 2018, 173, 1111-1122.e10.	28.9	104
22	Characterization of Humoral and Cellular Immune Responses Elicited by a Recombinant Adenovirus Serotype 26 HIV-1 Env Vaccine in Healthy Adults (IPCAVD 001). <i>Journal of Infectious Diseases</i> , 2013, 207, 248-256.	4.0	98
23	Zika virus vaccines. <i>Nature Reviews Microbiology</i> , 2018, 16, 594-600.	28.6	98
24	Broadly neutralizing antibodies targeting the HIV-1 envelope V2 apex confer protection against a clade C SHIV challenge. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	87
25	Rational Zika vaccine design via the modulation of antigen membrane anchors in chimpanzee adenoviral vectors. <i>Nature Communications</i> , 2018, 9, 2441.	12.8	69
26	NS1 DNA vaccination protects against Zika infection through T cell-mediated immunity in immunocompetent mice. <i>Science Advances</i> , 2019, 5, eaax2388.	10.3	64
27	Potent Zika and dengue cross-neutralizing antibodies induced by Zika vaccination in a dengue-experienced donor. <i>Nature Medicine</i> , 2020, 26, 228-235.	30.7	61
28	Induction of HIV-1-Specific Mucosal Immune Responses Following Intramuscular Recombinant Adenovirus Serotype 26 HIV-1 Vaccination of Humans. <i>Journal of Infectious Diseases</i> , 2015, 211, 518-528.	4.0	60
29	Prevention of SIVmac251 reservoir seeding in rhesus monkeys by early antiretroviral therapy. <i>Nature Communications</i> , 2018, 9, 5429.	12.8	49
30	Construction and Evaluation of Novel Rhesus Monkey Adenovirus Vaccine Vectors. <i>Journal of Virology</i> , 2015, 89, 1512-1522.	3.4	47
31	Therapeutic and protective efficacy of a dengue antibody against Zika infection in rhesus monkeys. <i>Nature Medicine</i> , 2018, 24, 721-723.	30.7	46
32	Integrated pipeline for the accelerated discovery of antiviral antibody therapeutics. <i>Nature Biomedical Engineering</i> , 2020, 4, 1030-1043.	22.5	46
33	Adenoviral vector type 26 encoding Zika virus (ZIKV) M-Env antigen induces humoral and cellular immune responses and protects mice and nonhuman primates against ZIKV challenge. <i>PLoS ONE</i> , 2018, 13, e0202820.	2.5	45
34	A Double-Blind, Randomized, Placebo-Controlled Phase 1 Study of Ad26.ZIKV.001, an Ad26-Vectored Anti-Zika Virus Vaccine. <i>Annals of Internal Medicine</i> , 2021, 174, 585-594.	3.9	44
35	Safety and antiviral activity of triple combination broadly neutralizing monoclonal antibody therapy against HIV-1: a phase 1 clinical trial. <i>Nature Medicine</i> , 2022, 28, 1288-1296.	30.7	44
36	Immediate Dysfunction of Vaccine-Elicited CD8+ T Cells Primed in the Absence of CD4+ T Cells. <i>Journal of Immunology</i> , 2016, 197, 1809-1822.	0.8	41

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37	Virological Control by the CD4-Binding Site Antibody N6 in Simian-Human Immunodeficiency Virus-Infected Rhesus Monkeys. <i>Journal of Virology</i> , 2017, 91, .	3.4	40
38	Safety, pharmacokinetics and antiviral activity of PGT121, a broadly neutralizing monoclonal antibody against HIV-1: a randomized, placebo-controlled, phase 1 clinical trial. <i>Nature Medicine</i> , 2021, 27, 1718-1724.	30.7	39
39	Protective Efficacy of Broadly Neutralizing Antibodies with Incomplete Neutralization Activity against Simian-Human Immunodeficiency Virus in Rhesus Monkeys. <i>Journal of Virology</i> , 2017, 91, .	3.4	38
40	First-in-Human Randomized, Controlled Trial of Mosaic HIV-1 Immunogens Delivered via a Modified Vaccinia Ankara Vector. <i>Journal of Infectious Diseases</i> , 2018, 218, 633-644.	4.0	35
41	First-in-human randomized controlled trial of an oral, replicating adenovirus 26 vector vaccine for HIV-1. <i>PLoS ONE</i> , 2018, 13, e0205139.	2.5	32
42	Lack of therapeutic efficacy of an antibody to $\hat{I}^{\pm} ₄ \hat{I}^2 ₇$ in SIVmac251-infected rhesus macaques. <i>Science</i> , 2019, 365, 1029-1033.	12.6	31
43	Adenovirus Vector-Based Vaccines Confer Maternal-Fetal Protection against Zika Virus Challenge in Pregnant IFN- $\hat{I}^{\pm} \hat{I}^2 \hat{R}^{\pm} / \hat{A}^{\pm}$ Mice. <i>Cell Host and Microbe</i> , 2019, 26, 591-600.e4.	11.0	26
44	Persistence of viral RNA in lymph nodes in ART-suppressed SIV/SHIV-infected Rhesus Macaques. <i>Nature Communications</i> , 2021, 12, 1474.	12.8	26
45	First-in-Human Evaluation of a Hexon Chimeric Adenovirus Vector Expressing HIV-1 Env (IPCAVD 002). <i>Journal of Infectious Diseases</i> , 2014, 210, 1052-1061.	4.0	25
46	Passive Transfer of Vaccine-Elicited Antibodies Protects against SIV in Rhesus Macaques. <i>Cell</i> , 2020, 183, 185-196.e14.	28.9	25
47	Rapid Cloning of Novel Rhesus Adenoviral Vaccine Vectors. <i>Journal of Virology</i> , 2018, 92, .	3.4	24
48	Therapeutic Efficacy of Vectored PGT121 Gene Delivery in HIV-1-Infected Humanized Mice. <i>Journal of Virology</i> , 2018, 92, .	3.4	24
49	Immunogenicity and Efficacy of Zika Virus Envelope Domain III in DNA, Protein, and ChAdOx1 Adenoviral-Vectored Vaccines. <i>Vaccines</i> , 2020, 8, 307.	4.4	18
50	Production of Mucosally Transmissible SHIV Challenge Stocks from HIV-1 Circulating Recombinant Form 01_AE env Sequences. <i>PLoS Pathogens</i> , 2016, 12, e1005431.	4.7	18
51	Adenovirus serotype 5 vaccine vectors trigger IL-27 \hat{A}^{\pm} -dependent inhibitory CD4 ⁺ T cell responses that impair CD8 ⁺ T cell function. <i>Science Immunology</i> , 2016, 1, .	11.9	16
52	Adenovirus prime, Env protein boost vaccine protects against neutralization-resistant SIVsmE660 variants in rhesus monkeys. <i>Nature Communications</i> , 2017, 8, 15740.	12.8	11
53	Combined HDAC and BET Inhibition Enhances Melanoma Vaccine Immunogenicity and Efficacy. <i>Journal of Immunology</i> , 2018, 201, 2744-2752.	0.8	11
54	Alpha-defensin 5 differentially modulates adenovirus vaccine vectors from different serotypes in vivo. <i>PLoS Pathogens</i> , 2019, 15, e1008180.	4.7	10

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55	Assessment of Immunogenicity and Efficacy of a Zika Vaccine Using Modified Vaccinia Ankara Virus as Carriers. <i>Pathogens</i> , 2019, 8, 216.	2.8	9
56	Origin of rebound virus in chronically SIV-infected Rhesus monkeys following treatment discontinuation. <i>Nature Communications</i> , 2020, 11, 5412.	12.8	9
57	Attenuation of Replication-Competent Adenovirus Serotype 26 Vaccines by Vectorization. <i>Vaccine Journal</i> , 2015, 22, 1166-1175.	3.1	8
58	Immunogenicity and Cross-Reactivity of Rhesus Adenoviral Vectors. <i>Journal of Virology</i> , 2018, 92, .	3.4	7
59	Sustained maternal antibody and cellular immune responses in pregnant women infected with Zika virus and mother to infant transfer of Zika-specific antibodies. <i>American Journal of Reproductive Immunology</i> , 2020, 84, e13288.	1.2	7
60	Impact of prior Dengue immunity on Zika vaccine protection in rhesus macaques and mice. <i>PLoS Pathogens</i> , 2021, 17, e1009673.	4.7	7
61	Differential Outcomes following Optimization of Simian-Human Immunodeficiency Viruses from Clades AE, B, and C. <i>Journal of Virology</i> , 2020, 94, .	3.4	5