

Hanneke Schuitemaker

List of Publications by Citations

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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.

80
papers

6,212
citations

32
h-index

78
g-index

112
ext. papers

8,884
ext. citations

17.2
avg, IF

5.69
L-index

#	Paper	IF	Citations
80	Safety and Efficacy of Single-Dose Ad26.COVS Vaccine against Covid-19. <i>New England Journal of Medicine</i> , 2021 , 384, 2187-2201	59.2	865
79	Interim Results of a Phase 1-2a Trial of Ad26.COVS Covid-19 Vaccine. <i>New England Journal of Medicine</i> , 2021 , 384, 1824-1835	59.2	575
78	Single-shot Ad26 vaccine protects against SARS-CoV-2 in rhesus macaques. <i>Nature</i> , 2020 , 586, 583-588	50.4	550
77	Vaccine protection against acquisition of neutralization-resistant SIV challenges in rhesus monkeys. <i>Nature</i> , 2012 , 482, 89-93	50.4	391
76	T cell depletion in HIV-1 infection: how CD4+ T cells go out of stock. <i>Nature Immunology</i> , 2000 , 1, 285-9	19.1	311
75	Immunogenicity of Stabilized HIV-1 Envelope Trimers with Reduced Exposure of Non-neutralizing Epitopes. <i>Cell</i> , 2015 , 163, 1702-15	56.2	251
74	Protective efficacy of adenovirus/protein vaccines against SIV challenges in rhesus monkeys. <i>Science</i> , 2015 , 349, 320-4	33.3	236
73	Dissecting Polyclonal Vaccine-Induced Humoral Immunity against HIV Using Systems Serology. <i>Cell</i> , 2015 , 163, 988-98	56.2	230
72	Safety and Immunogenicity of Novel Adenovirus Type 26- and Modified Vaccinia Ankara-Vectored Ebola Vaccines: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 1610-23	27.4	189
71	Ad26/MVA therapeutic vaccination with TLR7 stimulation in SIV-infected rhesus monkeys. <i>Nature</i> , 2016 , 540, 284-287	50.4	183
70	Ad26 vaccine protects against SARS-CoV-2 severe clinical disease in hamsters. <i>Nature Medicine</i> , 2020 , 26, 1694-1700	50.5	176
69	A highly stable prefusion RSV F vaccine derived from structural analysis of the fusion mechanism. <i>Nature Communications</i> , 2015 , 6, 8143	17.4	174
68	Evaluation of a mosaic HIV-1 vaccine in a multicentre, randomised, double-blind, placebo-controlled, phase 1/2a clinical trial (APPROACH) and in rhesus monkeys (NHP 13-19). <i>Lancet, The</i> , 2018 , 392, 232-243	40	170
67	Ad26 vector-based COVID-19 vaccine encoding a prefusion-stabilized SARS-CoV-2 Spike immunogen induces potent humoral and cellular immune responses. <i>Npj Vaccines</i> , 2020 , 5, 91	9.5	153
66	Immunogenicity of the Ad26.COVS Vaccine for COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 1535-1544	27.4	139
65	Cross-reactive neutralizing humoral immunity does not protect from HIV type 1 disease progression. <i>Journal of Infectious Diseases</i> , 2010 , 201, 1045-53	7	128
64	Immunogenicity of Ad26.COVS vaccine against SARS-CoV-2 variants in humans. <i>Nature</i> , 2021 , 596, 268-272	50.4	122

63	An HIV-1 antibody from an elite neutralizer implicates the fusion peptide as a site of vulnerability. <i>Nature Microbiology</i> , 2016 , 2, 16199	26.6	103
62	Prospects for a safe COVID-19 vaccine. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	99
61	Prevalence of cross-reactive HIV-1-neutralizing activity in HIV-1-infected patients with rapid or slow disease progression. <i>Aids</i> , 2009 , 23, 2405-14	3.5	82
60	Durable Humoral and Cellular Immune Responses 8 Months after Ad26.COVS.S Vaccination. <i>New England Journal of Medicine</i> , 2021 , 385, 951-953	59.2	77
59	Association of HLA-C and HCP5 gene regions with the clinical course of HIV-1 infection. <i>Aids</i> , 2009 , 23, 19-28	3.5	72
58	Incomplete Neutralization and Deviation from Sigmoidal Neutralization Curves for HIV Broadly Neutralizing Monoclonal Antibodies. <i>PLoS Pathogens</i> , 2015 , 11, e1005110	7.6	61
57	A Universal Approach to Optimize the Folding and Stability of Prefusion-Closed HIV-1 Envelope Trimers. <i>Cell Reports</i> , 2018 , 23, 584-595	10.6	55
56	Transmission of zidovudine-resistant human immunodeficiency virus type 1 variants following deliberate injection of blood from a patient with AIDS: characteristics and natural history of the virus. <i>Clinical Infectious Diseases</i> , 1995 , 21, 556-60	11.6	52
55	Longitudinal analysis of early HIV-1-specific neutralizing activity in an elite neutralizer and in five patients who developed cross-reactive neutralizing activity. <i>Journal of Virology</i> , 2012 , 86, 2045-55	6.6	49
54	Ad35 and ad26 vaccine vectors induce potent and cross-reactive antibody and T-cell responses to multiple filovirus species. <i>PLoS ONE</i> , 2012 , 7, e44115	3.7	41
53	Recombinant low-seroprevalent adenoviral vectors Ad26 and Ad35 expressing the respiratory syncytial virus (RSV) fusion protein induce protective immunity against RSV infection in cotton rats. <i>Vaccine</i> , 2015 , 33, 5406-5414	4.1	38
52	Macrophage-tropic HIV-1 variants: initiators of infection and AIDS pathogenesis?. <i>Journal of Leukocyte Biology</i> , 1994 , 56, 218-24	6.5	38
51	HIV-1 envelope glycoprotein signatures that correlate with the development of cross-reactive neutralizing activity. <i>Retrovirology</i> , 2013 , 10, 102	3.6	37
50	PER.C6(β) cells as a serum-free suspension cell platform for the production of high titer poliovirus: a potential low cost of goods option for world supply of inactivated poliovirus vaccine. <i>Vaccine</i> , 2013 , 31, 850-6	4.1	33
49	Phase 1 Safety and Immunogenicity Study of a Respiratory Syncytial Virus Vaccine With an Adenovirus 26 Vector Encoding Prefusion F (Ad26.RSV.preF) in Adults Aged ≥18 Years. <i>Journal of Infectious Diseases</i> , 2020 , 222, 979-988	7	33
48	A prophylactic multivalent vaccine against different filovirus species is immunogenic and provides protection from lethal infections with Ebolavirus and Marburgvirus species in non-human primates. <i>PLoS ONE</i> , 2018 , 13, e0192312	3.7	30
47	Vaccines based on replication incompetent Ad26 viral vectors: Standardized template with key considerations for a risk/benefit assessment. <i>Vaccine</i> , 2021 , 39, 3081-3101	4.1	28
46	Immunogenicity and efficacy of one and two doses of Ad26.COVS.S COVID vaccine in adult and aged NHP. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	25

45	Low-dose Ad26.COVS protection against SARS-CoV-2 challenge in rhesus macaques. <i>Cell</i> , 2021 , 184, 3467-3473.e11	56.2	23
44	Protective efficacy of Ad26.COVS against SARS-CoV-2 B.1.351 in macaques. <i>Nature</i> , 2021 , 596, 423-427	50.4	22
43	Ad26.COVS protects Syrian hamsters against G614 spike variant SARS-CoV-2 and does not enhance respiratory disease. <i>Npj Vaccines</i> , 2021 , 6, 39	9.5	21
42	Genome-wide association study on the development of cross-reactive neutralizing antibodies in HIV-1 infected individuals. <i>PLoS ONE</i> , 2013 , 8, e54684	3.7	20
41	Adenovectors encoding RSV-F protein induce durable and mucosal immunity in macaques after two intramuscular administrations. <i>Npj Vaccines</i> , 2019 , 4, 54	9.5	19
40	Early development of broadly reactive HIV-1 neutralizing activity in elite neutralizers. <i>Aids</i> , 2014 , 28, 1237-40	3.5	18
39	Safety and Immunogenicity of the Ad26.RSV.preF Investigational Vaccine Coadministered With an Influenza Vaccine in Older Adults. <i>Journal of Infectious Diseases</i> , 2021 , 223, 699-708	7	18
38	Safety and immunogenicity of Ad26 and MVA vaccines in acutely treated HIV and effect on viral rebound after antiretroviral therapy interruption. <i>Nature Medicine</i> , 2020 , 26, 498-501	50.5	17
37	HIV-1 escapes from N332-directed antibody neutralization in an elite neutralizer by envelope glycoprotein elongation and introduction of unusual disulfide bonds. <i>Retrovirology</i> , 2016 , 13, 48	3.6	17
36	Ad26.COVS elicited neutralizing activity against Delta and other SARS-CoV-2 variants of concern		17
35	A vaccine-induced gene expression signature correlates with protection against SIV and HIV in multiple trials. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	15
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	8	14
33	Coronavirus-Specific Antibody Cross Reactivity in Rhesus Macaques Following SARS-CoV-2 Vaccination and Infection. <i>Journal of Virology</i> , 2021 ,	6.6	14
32	Immunity elicited by natural infection or Ad26.COVS vaccination protects hamsters against SARS-CoV-2 variants of concern. <i>Science Translational Medicine</i> , 2021 , 13, eabj3789	17.5	13
31	Production of high titer attenuated poliovirus strains on the serum-free PER.C6(β) cell culture platform for the generation of safe and affordable next generation IPV. <i>Vaccine</i> , 2015 , 33, 6611-6	4.1	11
30	Durable Humoral and Cellular Immune Responses Following Ad26.COVS Vaccination for COVID-19 2021 ,		10
29	The Neutralizing Antibody Response in an Individual with Triple HIV-1 Infection Remains Directed at the First Infecting Subtype. <i>AIDS Research and Human Retroviruses</i> , 2016 , 32, 1135-1142	1.6	10
28	Adenovector 26 encoded prefusion conformation stabilized RSV-F protein induces long-lasting Th1-biased immunity in neonatal mice. <i>Npj Vaccines</i> , 2020 , 5, 49	9.5	9

27	Antigen capsid-display on human adenovirus 35 via pIX fusion is a potent vaccine platform. <i>PLoS ONE</i> , 2017 , 12, e0174728	3.7	9
26	SARS-CoV-2 binding and neutralizing antibody levels after Ad26.COVS2 vaccination predict durable protection in rhesus macaques. <i>Nature Communications</i> , 2021 , 12, 5877	17.4	9
25	Nonhuman primate to human immunobridging to infer the protective effect of an Ebola virus vaccine candidate. <i>Npj Vaccines</i> , 2020 , 5, 112	9.5	9
24	Durability of antibody responses elicited by a single dose of Ad26.COVS2 and substantial increase following late boosting		9
23	Sensitivity of Primary R5 HIV-1 to Inhibition by Rantes Correlates with Sensitivity to Small-Molecule R5 Inhibitors. <i>Antiviral Therapy</i> , 2005 , 10, 231-237	1.6	9
22	Characterisation of long-term non-progression of HIV-1 infection after seroconversion: a cohort study. <i>Lancet HIV</i> , 2014 , 1, e41-8	7.8	8
21	Final Analysis of Efficacy and Safety of Single-Dose Ad26.COVS2. <i>New England Journal of Medicine</i> , 2022 ,	59.2	8
20	Low-Dose Ad26.COVS2 Protection Against SARS-CoV-2 Challenge in Rhesus Macaques 2021 ,		8
19	Identification of Genes Whose Expression Profile Is Associated with Non-Progression towards AIDS Using eQTLs. <i>PLoS ONE</i> , 2015 , 10, e0136989	3.7	7
18	Neutralizing antibodies elicited by the Ad26.COVS2 COVID-19 vaccine show reduced activity against 501Y.V2 (B.1.351), despite protection against severe disease by this variant.		7
17	Low level of HIV-1 evolution after transmission from mother to child. <i>Scientific Reports</i> , 2014 , 4, 5079	4.9	6
16	Immunogenicity and protective efficacy of one- and two-dose regimens of the Ad26.COVS2 COVID-19 vaccine candidate in adult and aged rhesus macaques		6
15	An inactivated poliovirus vaccine using Sabin strains produced on the serum-free PER.C6 cell culture platform is immunogenic and safe in a non-human primate model. <i>Vaccine</i> , 2018 , 36, 6979-6987	4.1	6
14	Ad26-vector based COVID-19 vaccine encoding a prefusion stabilized SARS-CoV-2 Spike immunogen induces potent humoral and cellular immune responses		4
13	Lower Broadly Neutralizing Antibody Responses in Female Versus Male HIV-1 Infected Injecting Drug Users. <i>Viruses</i> , 2019 , 11,	6.2	3
12	The glycan hole area of HIV-1 envelope trimers contributes prominently to the induction of autologous neutralization. <i>Journal of Virology</i> , 2021 , JVI0155221	6.6	2
11	Safety and immunogenicity of a new Sabin inactivated poliovirus vaccine candidate produced on the PER.C6 cell-line: a phase 1 randomized controlled trial in adults. <i>Human Vaccines and Immunotherapeutics</i> , 2021 , 17, 1366-1373	4.4	2
10	Ad26.COVS2-elicited immunity protects against G614 spike variant SARS-CoV-2 infection in Syrian hamsters and does not enhance respiratory disease in challenged animals with breakthrough infection after sub-optimal vaccine dosing		2

9	SARS-CoV-2 binding and neutralizing antibody levels after vaccination with Ad26.COVS predict durable protection in rhesus macaques		2
8	Durability and expansion of neutralizing antibody breadth following Ad26.COVS vaccination of mice.. <i>Npj Vaccines</i> , 2022 , 7, 23	9.5	2
7	Gag sequence variation in a human immunodeficiency virus type 1 transmission cluster influences viral replication fitness. <i>Journal of General Virology</i> , 2013 , 94, 354-359	4.9	1
6	Recent development on research in AIDS pathogenesis. <i>Vox Sanguinis</i> , 1994 , 67 Suppl 3, 133-6	3.1	1
5	Safety and immunogenicity of 3 formulations of a Sabin inactivated poliovirus vaccine produced on the PER.C6 cell line: A phase 2, double-blind, randomized, controlled study in infants vaccinated at 6, 10 and 14 weeks of age.. <i>Human Vaccines and Immunotherapeutics</i> , 2022 , 1-11	4.4	1
4	A homologous or variant booster vaccine after Ad26.COVS immunization enhances SARS-CoV-2-specific immune responses in rhesus macaques.. <i>Science Translational Medicine</i> , 2022 , eabm4996	17.5	1
3	Passive transfer of Ad26.COVS-elicited IgG from humans attenuates SARS-CoV-2 disease in hamsters.. <i>Npj Vaccines</i> , 2022 , 7, 2	9.5	0
2	Therapeutic efficacy of an Ad26/MVA vaccine with SIV gp140 protein and vesatolimod in ART-suppressed rhesus macaques.. <i>Npj Vaccines</i> , 2022 , 7, 53	9.5	0
1	Use of Immunological and Viral Parameters to Predict Progression of HIV Infection During Natural Course and Antiretroviral Treatment. <i>BioDrugs</i> , 1997 , 8, 243-9	7.9	