

David T Evans

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.

65
papers

4,989
citations

29
h-index

68
g-index

68
ext. papers

5,739
ext. citations

10.3
avg, IF

4.97
L-index

#	Paper	IF	Citations
65	Immune-correlates analysis of an HIV-1 vaccine efficacy trial. <i>New England Journal of Medicine</i> , 2012 , 366, 1275-86	59.2	1400
64	Virus-specific cytotoxic T-lymphocyte responses select for amino-acid variation in simian immunodeficiency virus Env and Nef. <i>Nature Medicine</i> , 1999 , 5, 1270-6	50.5	348
63	Species-specific activity of SIV Nef and HIV-1 Vpu in overcoming restriction by tetherin/BST2. <i>PLoS Pathogens</i> , 2009 , 5, e1000429	7.6	310
62	Antibody-dependent cellular cytotoxicity-mediating antibodies from an HIV-1 vaccine efficacy trial target multiple epitopes and preferentially use the VH1 gene family. <i>Journal of Virology</i> , 2012 , 86, 11521-32	6.6	294
61	Broadly neutralizing HIV antibodies define a glycan-dependent epitope on the prefusion conformation of gp41 on cleaved envelope trimers. <i>Immunity</i> , 2014 , 40, 657-68	32.3	286
60	AAV-expressed eCD4-Ig provides durable protection from multiple SHIV challenges. <i>Nature</i> , 2015 , 519, 87-91	50.4	211
59	Animal models for HIV/AIDS research. <i>Nature Reviews Microbiology</i> , 2012 , 10, 852-67	22.2	208
58	BST-2/tetherin: a new component of the innate immune response to enveloped viruses. <i>Trends in Microbiology</i> , 2010 , 18, 388-96	12.4	157
57	ADCC develops over time during persistent infection with live-attenuated SIV and is associated with complete protection against SIV(mac)251 challenge. <i>PLoS Pathogens</i> , 2012 , 8, e1002890	7.6	123
56	Tetherin antagonism by Vpu protects HIV-infected cells from antibody-dependent cell-mediated cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 6425-30	11.5	116
55	A nonfucosylated variant of the anti-HIV-1 monoclonal antibody b12 has enhanced FcR11a-mediated antiviral activity in vitro but does not improve protection against mucosal SHIV challenge in macaques. <i>Journal of Virology</i> , 2012 , 86, 6189-96	6.6	96
54	Mucosal priming of simian immunodeficiency virus-specific cytotoxic T-lymphocyte responses in rhesus macaques by the Salmonella type III secretion antigen delivery system. <i>Journal of Virology</i> , 2003 , 77, 2400-9	6.6	96
53	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	32.3	96
52	Nonhuman primate models in AIDS research. <i>Current Opinion in HIV and AIDS</i> , 2013 , 8, 255-61	4.2	90
51	Comparison of Antibody-Dependent Cell-Mediated Cytotoxicity and Virus Neutralization by HIV-1 Env-Specific Monoclonal Antibodies. <i>Journal of Virology</i> , 2016 , 90, 6127-6139	6.6	86
50	Compensatory changes in the cytoplasmic tail of gp41 confer resistance to tetherin/BST-2 in a pathogenic nef-deleted SIV. <i>Cell Host and Microbe</i> , 2011 , 9, 46-57	23.4	78
49	A novel assay for antibody-dependent cell-mediated cytotoxicity against HIV-1- or SIV-infected cells reveals incomplete overlap with antibodies measured by neutralization and binding assays. <i>Journal of Virology</i> , 2012 , 86, 12039-52	6.6	73

48	Definition of five new simian immunodeficiency virus cytotoxic T-lymphocyte epitopes and their restricting major histocompatibility complex class I molecules: evidence for an influence on disease progression. <i>Journal of Virology</i> , 2000 , 74, 7400-10	6.6	67
47	Uninfected Bystander Cells Impact the Measurement of HIV-Specific Antibody-Dependent Cellular Cytotoxicity Responses. <i>MBio</i> , 2018 , 9,	7.8	56
46	Live simian immunodeficiency virus vaccine correlate of protection: local antibody production and concentration on the path of virus entry. <i>Journal of Immunology</i> , 2014 , 193, 3113-25	5.3	56
45	Immunization of macaques with single-cycle simian immunodeficiency virus (SIV) stimulates diverse virus-specific immune responses and reduces viral loads after challenge with SIVmac239. <i>Journal of Virology</i> , 2005 , 79, 7707-20	6.6	52
44	A panel of IgG1 b12 variants with selectively diminished or enhanced affinity for Fcγ receptors to define the role of effector functions in protection against HIV. <i>Journal of Virology</i> , 2011 , 85, 10572-81	6.6	50
43	KIR polymorphisms modulate peptide-dependent binding to an MHC class I ligand with a Bw6 motif. <i>PLoS Pathogens</i> , 2011 , 7, e1001316	7.6	50
42	Selection of an HLA-C*03:04-Restricted HIV-1 p24 Gag Sequence Variant Is Associated with Viral Escape from KIR2DL3+ Natural Killer Cells: Data from an Observational Cohort in South Africa. <i>PLoS Medicine</i> , 2015 , 12, e1001900; discussion e1001900	11.6	49
41	Envelope Glycoprotein Internalization Protects Human and Simian Immunodeficiency Virus-Infected Cells from Antibody-Dependent Cell-Mediated Cytotoxicity. <i>Journal of Virology</i> , 2015 , 89, 10648-55	6.6	45
40	Tetherin/BST-2 antagonism by Nef depends on a direct physical interaction between Nef and tetherin, and on clathrin-mediated endocytosis. <i>PLoS Pathogens</i> , 2013 , 9, e1003487	7.6	42
39	Envelope glycoprotein cytoplasmic domains from diverse lentiviruses interact with the prenylated Rab acceptor. <i>Journal of Virology</i> , 2002 , 76, 327-37	6.6	37
38	A novel approach for producing lentiviruses that are limited to a single cycle of infection. <i>Journal of Virology</i> , 2004 , 78, 11715-25	6.6	33
37	Immune evasion strategies of the primate lentiviruses. <i>Immunological Reviews</i> , 2001 , 183, 141-58	11.3	31
36	BST-2 Expression Modulates Small CD4-Mimetic Sensitization of HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2017 , 91,	6.6	29
35	Sequence variations in HIV-1 p24 Gag-derived epitopes can alter binding of KIR2DL2 to HLA-C*03:04 and modulate primary natural killer cell function. <i>Aids</i> , 2014 , 28, 1399-408	3.5	28
34	KIR3DL01 recognition of Bw4 ligands in the rhesus macaque: maintenance of Bw4 specificity since the divergence of apes and Old World monkeys. <i>Journal of Immunology</i> , 2014 , 192, 1907-17	5.3	25
33	Beyond Viral Neutralization. <i>AIDS Research and Human Retroviruses</i> , 2017 , 33, 760-764	1.6	24
32	Antibody-Induced Internalization of HIV-1 Env Proteins Limits Surface Expression of the Closed Conformation of Env. <i>Journal of Virology</i> , 2019 , 93,	6.6	23
31	Selective downregulation of rhesus macaque and sooty mangabey major histocompatibility complex class I molecules by Nef alleles of simian immunodeficiency virus and human immunodeficiency virus type 2. <i>Journal of Virology</i> , 2008 , 82, 3139-46	6.6	21

30	The killer-cell immunoglobulin-like receptors of macaques. <i>Immunological Reviews</i> , 2015 , 267, 246-58	11.3	18
29	Vaccine-induced immune responses against both Gag and Env improve control of simian immunodeficiency virus replication in rectally challenged rhesus macaques. <i>PLoS Pathogens</i> , 2017 , 13, e1006529	7.6	16
28	Two different primate species express an identical functional MHC class I allele. <i>Immunogenetics</i> , 1998 , 47, 206-11	3.2	15
27	Tetherin Antagonism by HIV-1 Group M Nef Proteins. <i>Journal of Virology</i> , 2016 , 90, 10701-10714	6.6	14
26	The Tat inhibitor didehydro-cortistatin A suppresses SIV replication and reactivation. <i>FASEB Journal</i> , 2019 , 33, 8280-8293	0.9	12
25	Suppression of a Natural Killer Cell Response by Simian Immunodeficiency Virus Peptides. <i>PLoS Pathogens</i> , 2015 , 11, e1005145	7.6	12
24	Tetherin upregulation in simian immunodeficiency virus-infected macaques. <i>Journal of Virology</i> , 2013 , 87, 13917-21	6.6	11
23	Adaptation of human and simian immunodeficiency viruses for resistance to tetherin/BST-2. <i>Current HIV Research</i> , 2012 , 10, 277-82	1.3	10
22	KIR3DL01 upregulation on gut natural killer cells in response to SIV infection of KIR- and MHC class I-defined rhesus macaques. <i>PLoS Pathogens</i> , 2017 , 13, e1006506	7.6	10
21	Rhesus Macaques Vaccinated with , , and Manifest Early Control of SIVmac239 Replication. <i>Journal of Virology</i> , 2018 , 92,	6.6	9
20	Differences in the Binding Affinity of an HIV-1 V2 Apex-Specific Antibody for the SIV Envelope Glycoprotein Uncouple Antibody-Dependent Cellular Cytotoxicity from Neutralization. <i>MBio</i> , 2019 , 10,	7.8	9
19	Envelope-modified single-cycle simian immunodeficiency virus selectively enhances antibody responses and partially protects against repeated, low-dose vaginal challenge. <i>Journal of Virology</i> , 2010 , 84, 10748-64	6.6	9
18	PRA1 co-localizes with envelope but does not influence primate lentivirus production, infectivity or envelope incorporation. <i>Journal of General Virology</i> , 2005 , 86, 1785-1790	4.9	8
17	Polymorphisms in Rhesus Macaque Tetherin Are Associated with Differences in Acute Viremia in Simian Immunodeficiency Virus Infected Animals. <i>Journal of Virology</i> , 2018 , 92,	6.6	7
16	Tethering viral restriction to signal transduction. <i>Cell Host and Microbe</i> , 2014 , 16, 267-9	23.4	7
15	Loss of tetherin antagonism by Nef impairs SIV replication during acute infection of rhesus macaques. <i>PLoS Pathogens</i> , 2020 , 16, e1008487	7.6	7
14	Maintenance of AP-2-Dependent Functional Activities of Nef Restricts Pathways of Immune Escape from CD8 T Lymphocyte Responses. <i>Journal of Virology</i> , 2018 , 92,	6.6	7
13	OMIP-035: Functional analysis of natural killer cell subsets in macaques. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016 , 89, 799-802	4.6	4

12	HLA-C Downmodulation by HIV-1 Vpu. <i>Cell Host and Microbe</i> , 2016 , 19, 570-1	23.4	4
11	Diversification of Bw4 Specificity and Recognition of a Nonclassical MHC Class I Molecule Implicated in Maternal-Fetal Tolerance by Killer Cell Ig-like Receptors of the Rhesus Macaque. <i>Journal of Immunology</i> , 2018 , 201, 2776-2786	5.3	4
10	Functional Interactions of Common Allotypes of Rhesus Macaque Fc γ 2A and Fc γ 3A with Human and Macaque IgG Subclasses. <i>Journal of Immunology</i> , 2020 , 205, 3319-3332	5.3	3
9	Selective Disruption of SERINC5 Antagonism by Nef Impairs SIV Replication in Primary CD4 T Cells. <i>Journal of Virology</i> , 2021 ,	6.6	2
8	A SNP of lncRNA gives HIV-1 a boost. <i>Nature Immunology</i> , 2019 , 20, 778-780	19.1	1
7	Vaccine-induced protection from homologous Tier 2 simian-human immunodeficiency virus challenge in nonhuman primates		1
6	Predicting the efficacy of COVID-19 convalescent plasma donor units with the Lumit Dx anti-receptor binding domain assay. <i>PLoS ONE</i> , 2021 , 16, e0253551	3.7	1
5	Immunophenotyping of Rhesus CMV-Specific CD8 T-Cell Populations. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021 , 99, 278-288	4.6	1
4	Enhanced Ability of Plant-Derived PGT121 Glycovariants To Eliminate HIV-1-Infected Cells. <i>Journal of Virology</i> , 2021 , 95, e0079621	6.6	1
3	Anti-SARS-CoV-2 IgG and IgA antibodies in COVID-19 convalescent plasma do not enhance viral infection.. <i>PLoS ONE</i> , 2022 , 17, e0257930	3.7	0
2	KIR3DL05 and KIR3DS02 Recognition of a Nonclassical MHC Class I Molecule in the Rhesus Macaque Implicated in Pregnancy Success.. <i>Frontiers in Immunology</i> , 2022 , 13, 841136	8.4	0
1	Substitutions in Nef That Uncouple Tetherin and SERINC5 Antagonism Impair Simian Immunodeficiency Virus Replication in Primary Rhesus Macaque Lymphocytes.. <i>Journal of Virology</i> , 2022 , e0017622	6.6	