David T Evans

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8377389/publications.pdf

Version: 2024-02-01

65	6,094	147566	110170
papers	citations	31 h-index	64 g-index

68	68	68	5692
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immune-Correlates Analysis of an HIV-1 Vaccine Efficacy Trial. New England Journal of Medicine, 2012, 366, 1275-1286.	13.9	1,699
2	Virus-specific cytotoxic T-lymphocyte responses select for amino-acid variation in simian immunodeficiency virus Env and Nef. Nature Medicine, 1999, 5, 1270-1276.	15.2	364
3	Antibody-Dependent Cellular Cytotoxicity-Mediating Antibodies from an HIV-1 Vaccine Efficacy Trial Target Multiple Epitopes and Preferentially Use the VH1 Gene Family. Journal of Virology, 2012, 86, 11521-11532.	1.5	357
4	Species-Specific Activity of SIV Nef and HIV-1 Vpu in Overcoming Restriction by Tetherin/BST2. PLoS Pathogens, 2009, 5, e1000429.	2.1	347
5	Broadly Neutralizing HIV Antibodies Define a Glycan-Dependent Epitope on the Prefusion Conformation of gp41 on Cleaved Envelope Trimers. Immunity, 2014, 40, 657-668.	6.6	342
6	Animal models for HIV/AIDS research. Nature Reviews Microbiology, 2012, 10, 852-867.	13.6	274
7	AAV-expressed eCD4-Ig provides durable protection from multiple SHIV challenges. Nature, 2015, 519, 87-91.	13.7	265
8	BST-2/tetherin: a new component of the innate immune response to enveloped viruses. Trends in Microbiology, 2010, 18, 388-396.	3.5	173
9	ADCC Develops Over Time during Persistent Infection with Live-Attenuated SIV and Is Associated with Complete Protection against SIVmac251 Challenge. PLoS Pathogens, 2012, 8, e1002890.	2.1	156
10	Vaccine-Induced Protection from Homologous Tier 2 SHIV Challenge in Nonhuman Primates Depends on Serum-Neutralizing Antibody Titers. Immunity, 2019, 50, 241-252.e6.	6.6	153
11	Tetherin antagonism by Vpu protects HIV-infected cells from antibody-dependent cell-mediated cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6425-6430.	3.3	143
12	Nonhuman primate models in AIDS research. Current Opinion in HIV and AIDS, 2013, 8, 1.	1.5	118
13	Comparison of Antibody-Dependent Cell-Mediated Cytotoxicity and Virus Neutralization by HIV-1 Env-Specific Monoclonal Antibodies. Journal of Virology, 2016, 90, 6127-6139.	1.5	117
14	A Nonfucosylated Variant of the anti-HIV-1 Monoclonal Antibody b12 Has Enhanced FcÎ³RIIIa-Mediated Antiviral Activity In Vitro but Does Not Improve Protection against Mucosal SHIV Challenge in Macaques. Journal of Virology, 2012, 86, 6189-6196.	1.5	110
15	Mucosal Priming of Simian Immunodeficiency Virus-Specific Cytotoxic T-Lymphocyte Responses in Rhesus Macaques by the Salmonella Type III Secretion Antigen Delivery System. Journal of Virology, 2003, 77, 2400-2409.	1.5	105
16	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. Journal of Virology, 2012, 86, 12039-12052.	1.5	94
17	Uninfected Bystander Cells Impact the Measurement of HIV-Specific Antibody-Dependent Cellular Cytotoxicity Responses. MBio, 2018, 9, .	1.8	82
18	Compensatory Changes in the Cytoplasmic Tail of gp41 Confer Resistance to Tetherin/BST-2 in a Pathogenic Nef-Deleted SIV. Cell Host and Microbe, 2011, 9, 46-57.	5.1	81

#	Article	IF	Citations
19	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. Journal of Virology, 2000, 74, 7400-7410.	1.5	72
20	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. PLoS Medicine, 2015, 12, e1001900.	3.9	66
21	Live Simian Immunodeficiency Virus Vaccine Correlate of Protection: Local Antibody Production and Concentration on the Path of Virus Entry. Journal of Immunology, 2014, 193, 3113-3125.	0.4	64
22	A Panel of IgG1 b12 Variants with Selectively Diminished or Enhanced Affinity for FcÎ³ Receptors To Define the Role of Effector Functions in Protection against HIV. Journal of Virology, 2011, 85, 10572-10581.	1.5	60
23	KIR Polymorphisms Modulate Peptide-Dependent Binding to an MHC Class I Ligand with a Bw6 Motif. PLoS Pathogens, 2011, 7, e1001316.	2.1	60
24	Envelope Glycoprotein Internalization Protects Human and Simian Immunodeficiency Virus-Infected Cells from Antibody-Dependent Cell-Mediated Cytotoxicity. Journal of Virology, 2015, 89, 10648-10655.	1.5	57
25	Immunization of Macaques with Single-Cycle Simian Immunodeficiency Virus (SIV) Stimulates Diverse Virus-Specific Immune Responses and Reduces Viral Loads after Challenge with SIV mac 239. Journal of Virology, 2005, 79, 7707-7720.	1.5	54
26	Tetherin/BST-2 Antagonism by Nef Depends on a Direct Physical Interaction between Nef and Tetherin, and on Clathrin-mediated Endocytosis. PLoS Pathogens, 2013, 9, e1003487.	2.1	54
27	Immune evasion strategies of the primate lentiviruses. Immunological Reviews, 2001, 183, 141-158.	2.8	40
28	BST-2 Expression Modulates Small CD4-Mimetic Sensitization of HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. Journal of Virology, 2017, 91, .	1.5	40
29	Envelope Glycoprotein Cytoplasmic Domains from Diverse Lentiviruses Interact with the Prenylated Rab Acceptor. Journal of Virology, 2002, 76, 327-337.	1.5	38
30	Sequence variations in HIV-1 p24 Gag-derived epitopes can alter binding of KIR2DL2 to HLA-C*03. Aids, 2014, 28, 1399-1408.	1.0	37
31	Beyond Viral Neutralization. AIDS Research and Human Retroviruses, 2017, 33, 760-764.	0.5	36
32	A Novel Approach for Producing Lentiviruses That Are Limited to a Single Cycle of Infection. Journal of Virology, 2004, 78, 11715-11725.	1.5	35
33	Antibody-Induced Internalization of HIV-1 Env Proteins Limits Surface Expression of the Closed Conformation of Env. Journal of Virology, 2019, 93, .	1.5	32
34	KIR3DL01 Recognition of Bw4 Ligands in the Rhesus Macaque: Maintenance of Bw4 Specificity since the Divergence of Apes and Old World Monkeys. Journal of Immunology, 2014, 192, 1907-1917.	0.4	30
35	The killerâ€cell immunoglobulinâ€like receptors of macaques. Immunological Reviews, 2015, 267, 246-258.	2.8	25
36	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. Journal of Virology, 2008, 82, 3139-3146.	1.5	24

#	Article	IF	Citations
37	KIR3DL01 upregulation on gut natural killer cells in response to SIV infection of KIR- and MHC class I-defined rhesus macaques. PLoS Pathogens, 2017, 13, e1006506.	2.1	21
38	Vaccine-induced immune responses against both Gag and Env improve control of simian immunodeficiency virus replication in rectally challenged rhesus macaques. PLoS Pathogens, 2017, 13, e1006529.	2.1	19
39	Differences in the Binding Affinity of an HIV-1 V2 Apex-Specific Antibody for the SIV _{smm/mac} Envelope Glycoprotein Uncouple Antibody-Dependent Cellular Cytotoxicity from Neutralization. MBio, 2019, 10, .	1.8	18
40	Two different primate species express an identical functional MHC class I allele. Immunogenetics, 1998, 47, 206-211.	1.2	17
41	The Tat inhibitor didehydroâ€cortistatin A suppresses SIV replication and reactivation. FASEB Journal, 2019, 33, 8280-8293.	0.2	17
42	Tetherin Antagonism by HIV-1 Group M Nef Proteins. Journal of Virology, 2016, 90, 10701-10714.	1.5	16
43	Envelope-Modified Single-Cycle Simian Immunodeficiency Virus Selectively Enhances Antibody Responses and Partially Protects against Repeated, Low-Dose Vaginal Challenge. Journal of Virology, 2010, 84, 10748-10764.	1.5	14
44	OMIPâ€035: Functional analysis of natural killer cell subsets in macaques. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 799-802.	1.1	13
45	Suppression of a Natural Killer Cell Response by Simian Immunodeficiency Virus Peptides. PLoS Pathogens, 2015, 11, e1005145.	2.1	13
46	Tetherin Upregulation in Simian Immunodeficiency Virus-Infected Macaques. Journal of Virology, 2013, 87, 13917-13921.	1.5	12
47	Anti-SARS-CoV-2 IgG and IgA antibodies in COVID-19 convalescent plasma do not enhance viral infection. PLoS ONE, 2022, 17, e0257930.	1.1	12
48	Adaptation of Human and Simian Immunodeficiency Viruses for Resistance to Tetherin/BST-2. Current HIV Research, 2012, 10, 277-282.	0.2	11
49	Maintenance of AP-2-Dependent Functional Activities of Nef Restricts Pathways of Immune Escape from CD8 T Lymphocyte Responses. Journal of Virology, 2018, 92, .	1.5	11
50	Mamu-B*17 ⁺ Rhesus Macaques Vaccinated with env , vif , and nef Manifest Early Control of SIVmac239 Replication. Journal of Virology, 2018, 92, .	1.5	11
51	Functional Interactions of Common Allotypes of Rhesus Macaque FcÎ³R2A and FcÎ³R3A with Human and Macaque IgG Subclasses. Journal of Immunology, 2020, 205, 3319-3332.	0.4	9
52	PRA1 co-localizes with envelope but does not influence primate lentivirus production, infectivity or envelope incorporation. Journal of General Virology, 2005, 86, 1785-1790.	1.3	8
53	Loss of tetherin antagonism by Nef impairs SIV replication during acute infection of rhesus macaques. PLoS Pathogens, 2020, 16, e1008487.	2.1	8
54	Tethering Viral Restriction to Signal Transduction. Cell Host and Microbe, 2014, 16, 267-269.	5.1	7

#	Article	IF	Citations
55	Polymorphisms in Rhesus Macaque Tetherin Are Associated with Differences in Acute Viremia in Simian Immunodeficiency Virus Î” nef -Infected Animals. Journal of Virology, 2018, 92, .	1.5	7
56	HLA-C Downmodulation by HIV-1 Vpu. Cell Host and Microbe, 2016, 19, 570-571.	5.1	6
57	Diversification of Bw4 Specificity and Recognition of a Nonclassical MHC Class I Molecule Implicated in Maternalâ€“Fetal Tolerance by Killer Cell Ig-like Receptors of the Rhesus Macaque. Journal of Immunology, 2018, 201, 2776-2786.	0.4	6
58	Enhanced Ability of Plant-Derived PGT121 Glycovariants To Eliminate HIV-1-Infected Cells. Journal of Virology, 2021, 95, e0079621.	1.5	6
59	Selective Disruption of SERINC5 Antagonism by Nef Impairs Simian Immunodeficiency Virus Replication in Primary CD4 ⁺ T Cells. Journal of Virology, 2021, 95, .	1.5	5
60	Predicting the efficacy of COVID-19 convalescent plasma donor units with the Lumit Dx anti-receptor binding domain assay. PLoS ONE, 2021, 16, e0253551.	1.1	5
61	KIR3DL05 and KIR3DS02 Recognition of a Nonclassical MHC Class I Molecule in the Rhesus Macaque Implicated in Pregnancy Success. Frontiers in Immunology, 2022, 13, 841136.	2.2	4
62	A SNP of lncRNA gives HIV-1 a boost. Nature Immunology, 2019, 20, 778-780.	7.0	3
63	Immunophenotyping of Rhesus CMV â€Specific CD8 Tâ€Cell Populations. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2021, 99, 278-288.	1.1	3
64	Novel Compound Inhibitors of HIV-1NL4-3 Vpu. Viruses, 2022, 14, 817.	1.5	2
65	Substitutions in Nef That Uncouple Tetherin and SERINC5 Antagonism Impair Simian Immunodeficiency Virus Replication in Primary Rhesus Macaque Lymphocytes. Journal of Virology, 2022, 96, e0017622.	1.5	1