

eric A Cohen

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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.

69
papers

2,990
citations

33
h-index

54
g-index

74
ext. papers

3,356
ext. citations

6.8
avg, IF

4.86
L-index

#	Paper	IF	Citations
69	Identification of a protein encoded by the vpu gene of HIV-1. <i>Nature</i> , 1988 , 334, 532-4	50.4	279
68	Antagonism of tetherin restriction of HIV-1 release by Vpu involves binding and sequestration of the restriction factor in a perinuclear compartment. <i>PLoS Pathogens</i> , 2010 , 6, e1000856	7.6	168
67	HIV-1 Vpr-mediated G2 arrest involves the DDB1-CUL4AVPRBP E3 ubiquitin ligase. <i>PLoS Pathogens</i> , 2007 , 3, e85	7.6	150
66	Vpr stimulates viral expression and induces cell killing in human immunodeficiency virus type 1-infected dividing Jurkat T cells. <i>Journal of Virology</i> , 1998 , 72, 4686-93	6.6	148
65	Suppression of Tetherin-restricting activity upon human immunodeficiency virus type 1 particle release correlates with localization of Vpu in the trans-Golgi network. <i>Journal of Virology</i> , 2009 , 83, 4574-90	6.6	120
64	Human immunodeficiency virus type 1 Vpr is a positive regulator of viral transcription and infectivity in primary human macrophages. <i>Journal of Experimental Medicine</i> , 1998 , 187, 1103-11	16.6	120
63	HIV-1 Vpr up-regulates expression of ligands for the activating NKG2D receptor and promotes NK cell-mediated killing. <i>Blood</i> , 2010 , 115, 1354-63	2.2	119
62	HIV-1 Vpr causes neuronal apoptosis and in vivo neurodegeneration. <i>Journal of Neuroscience</i> , 2007 , 27, 3703-11	6.6	109
61	HIV persists in CCR6+CD4+ T cells from colon and blood during antiretroviral therapy. <i>Aids</i> , 2017 , 31, 35-48	3.5	90
60	HIV Nef and Vpu protect HIV-infected CD4+ T cells from antibody-mediated cell lysis through down-modulation of CD4 and BST2. <i>Retrovirology</i> , 2014 , 11, 15	3.6	85
59	Productive human immunodeficiency virus type 1 assembly takes place at the plasma membrane. <i>Journal of Virology</i> , 2007 , 81, 7476-90	6.6	85
58	Incorporation of Vpr into human immunodeficiency virus type 1 requires a direct interaction with the p6 domain of the p55 gag precursor. <i>Journal of Biological Chemistry</i> , 1999 , 274, 9083-91	5.4	83
57	Modulation of HIV-1-host interaction: role of the Vpu accessory protein. <i>Retrovirology</i> , 2010 , 7, 114	3.6	80
56	Requirements for the selective degradation of CD4 receptor molecules by the human immunodeficiency virus type 1 Vpu protein in the endoplasmic reticulum. <i>Retrovirology</i> , 2007 , 4, 75	3.6	77
55	MicroRNA profiling reveals new aspects of HIV neurodegeneration: caspase-6 regulates astrocyte survival. <i>FASEB Journal</i> , 2010 , 24, 1799-812	0.9	75
54	Human immunodeficiency virus type 1 vpr protein transactivation function: mechanism and identification of domains involved. <i>Journal of Molecular Biology</i> , 1998 , 284, 915-23	6.5	62
53	HIV-1 Viral Protein R Activates NLRP3 Inflammasome in Microglia: implications for HIV-1 Associated Neuroinflammation. <i>Journal of NeuroImmune Pharmacology</i> , 2017 , 12, 233-248	6.9	61

52	Vpu exerts a positive effect on HIV-1 infectivity by down-modulating CD4 receptor molecules at the surface of HIV-1-producing cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 28346-53	5.4	60
51	Indoleamine 2,3-Dioxygenase-Expressing Aortic Plasmacytoid Dendritic Cells Protect against Atherosclerosis by Induction of Regulatory T Cells. <i>Cell Metabolism</i> , 2016 , 23, 852-66	24.6	58
50	Structural and functional analysis of the membrane-spanning domain of the human immunodeficiency virus type 1 Vpu protein. <i>Virology</i> , 1998 , 251, 96-107	3.6	57
49	Virus-activated interferon regulatory factor 7 upregulates expression of the interferon-regulated BST2 gene independently of interferon signaling. <i>Journal of Virology</i> , 2012 , 86, 3513-27	6.6	50
48	HIV-1 viral protein R causes peripheral nervous system injury associated with in vivo neuropathic pain. <i>FASEB Journal</i> , 2010 , 24, 4343-53	0.9	49
47	Formation of mobile chromatin-associated nuclear foci containing HIV-1 Vpr and VPRBP is critical for the induction of G2 cell cycle arrest. <i>PLoS Pathogens</i> , 2010 , 6, e1001080	7.6	49
46	Degradation of CD4 induced by human immunodeficiency virus type 1 Vpu protein: a predicted alpha-helix structure in the proximal cytoplasmic region of CD4 contributes to Vpu sensitivity. <i>Virology</i> , 1995 , 209, 615-23	3.6	48
45	Insulin Treatment Prevents Neuroinflammation and Neuronal Injury with Restored Neurobehavioral Function in Models of HIV/AIDS Neurodegeneration. <i>Journal of Neuroscience</i> , 2016 , 36, 10683-10695	6.6	48
44	Lentivirus Vpr and Vpx accessory proteins usurp the cullin4-DDB1 (DCAF1) E3 ubiquitin ligase. <i>Current Opinion in Virology</i> , 2012 , 2, 755-63	7.5	44
43	HIV-1 Vpu antagonizes BST-2 by interfering mainly with the trafficking of newly synthesized BST-2 to the cell surface. <i>Traffic</i> , 2011 , 12, 1714-29	5.7	44
42	HIV-1 Vpr induces the K48-linked polyubiquitination and proteasomal degradation of target cellular proteins to activate ATR and promote G2 arrest. <i>Journal of Virology</i> , 2010 , 84, 3320-30	6.6	41
41	Reduced antiretroviral drug efficacy and concentration in HIV-infected microglia contributes to viral persistence in brain. <i>Retrovirology</i> , 2017 , 14, 47	3.6	40
40	Host MicroRNAs-221 and -222 Inhibit HIV-1 Entry in Macrophages by Targeting the CD4 Viral Receptor. <i>Cell Reports</i> , 2017 , 21, 141-153	10.6	37
39	Remodeling of the Host Cell Plasma Membrane by HIV-1 Nef and Vpu: A Strategy to Ensure Viral Fitness and Persistence. <i>Viruses</i> , 2016 , 8, 67	6.2	37
38	Vpu Exploits the Cross-Talk between BST2 and the ILT7 Receptor to Suppress Anti-HIV-1 Responses by Plasmacytoid Dendritic Cells. <i>PLoS Pathogens</i> , 2015 , 11, e1005024	7.6	34
37	Cell-surface processing of extracellular human immunodeficiency virus type 1 Vpr by proprotein convertases. <i>Virology</i> , 2008 , 372, 384-97	3.6	34
36	Efficient BST2 antagonism by Vpu is critical for early HIV-1 dissemination in humanized mice. <i>Retrovirology</i> , 2013 , 10, 128	3.6	32
35	Extracellular human immunodeficiency virus type 1 viral protein R causes reductions in astrocytic ATP and glutathione levels compromising the antioxidant reservoir. <i>Virus Research</i> , 2012 , 167, 358-69	6.4	25

34	Major histocompatibility complex class II molecules promote human immunodeficiency virus type 1 assembly and budding to late endosomal/multivesicular body compartments. <i>Journal of Virology</i> , 2006 , 80, 9789-97	6.6	24
33	HIV-1 is rarely detected in blood and colon myeloid cells during viral-suppressive antiretroviral therapy. <i>Aids</i> , 2019 , 33, 1293-1306	3.5	20
32	Enhancing Virion Tethering by BST2 Sensitizes Productively and Latently HIV-infected T cells to ADCC Mediated by Broadly Neutralizing Antibodies. <i>Scientific Reports</i> , 2016 , 6, 37225	4.9	17
31	HIV-1 Vpu Downmodulates ICAM-1 Expression, Resulting in Decreased Killing of Infected CD4 T Cells by NK Cells. <i>Journal of Virology</i> , 2017 , 91,	6.6	15
30	Defining the interactions and role of DCAF1/VPRBP in the DDB1-cullin4A E3 ubiquitin ligase complex engaged by HIV-1 Vpr to induce a G2 cell cycle arrest. <i>PLoS ONE</i> , 2014 , 9, e89195	3.7	15
29	LILAC pilot study: Effects of metformin on mTOR activation and HIV reservoir persistence during antiretroviral therapy. <i>EBioMedicine</i> , 2021 , 65, 103270	8.8	15
28	Role of envelope processing and gp41 membrane spanning domain in the formation of human immunodeficiency virus type 1 (HIV-1) fusion-competent envelope glycoprotein complex. <i>Virus Research</i> , 2007 , 124, 103-12	6.4	14
27	Viral protein R upregulates expression of ULBP2 on uninfected bystander cells during HIV-1 infection of primary CD4+ T lymphocytes. <i>Virology</i> , 2013 , 443, 248-56	3.6	13
26	Modulation of NKG2D-mediated cytotoxic functions of natural killer cells by viral protein R from HIV-1 primary isolates. <i>Journal of Virology</i> , 2011 , 85, 12254-61	6.6	12
25	HIV-1 Vpr hijacks EDD-DYRK2-DDB1 to disrupt centrosome homeostasis. <i>Journal of Biological Chemistry</i> , 2018 , 293, 9448-9460	5.4	10
24	Expression of MDM2 in Macrophages Promotes the Early Postentry Steps of HIV-1 Infection through Inhibition of p53. <i>Journal of Virology</i> , 2019 , 93,	6.6	9
23	The HIV-1 Accessory Protein Vpu Downregulates Peroxisome Biogenesis. <i>MBio</i> , 2020 , 11,	7.8	9
22	Regulation of CD4 Receptor and HIV-1 Entry by MicroRNAs-221 and -222 during Differentiation of THP-1 Cells. <i>Viruses</i> , 2017 , 10,	6.2	9
21	Differential Control of BST2 Restriction and Plasmacytoid Dendritic Cell Antiviral Response by Antagonists Encoded by HIV-1 Group M and O Strains. <i>Journal of Virology</i> , 2016 , 90, 10236-10246	6.6	9
20	Flt3L-Mediated Expansion of Plasmacytoid Dendritic Cells Suppresses HIV Infection in Humanized Mice. <i>Cell Reports</i> , 2019 , 29, 2770-2782.e5	10.6	9
19	Implications of Spike-glycoprotein processing at S1/S2 by Furin, at S2 by Furin and/or TMPRSS2 and shedding of ACE2: cell-to-cell fusion, cell entry and infectivity of SARS-CoV-2		8
18	The evaluation of risk-benefit ratio for gut tissue sampling in HIV cure research. <i>Journal of Virus Eradication</i> , 2017 , 3, 212-217	2.8	7
17	L-Carnitine Tartrate Downregulates the ACE2 Receptor and Limits SARS-CoV-2 Infection. <i>Nutrients</i> , 2021 , 13,	6.7	7

16	Distinctive Roles of Furin and TMPRSS2 in SARS-CoV-2 Infectivity.. <i>Journal of Virology</i> , 2022 , e0012822	6.6	7
15	Activation of the ILT7 receptor and plasmacytoid dendritic cell responses are governed by structurally-distinct BST2 determinants. <i>Journal of Biological Chemistry</i> , 2019 , 294, 10503-10518	5.4	6
14	Attacking the Supply Lines: HIV-1 Restricts Alanine Uptake to Prevent T Cell Activation. <i>Cell Host and Microbe</i> , 2015 , 18, 514-7	23.4	6
13	Effect of calcium-modulating cyclophilin ligand on human immunodeficiency virus type 1 particle release and cell surface expression of tetherin. <i>Journal of Virology</i> , 2009 , 83, 13032-6	6.6	6
12	Major histocompatibility complex class-II molecules promote targeting of human immunodeficiency virus type 1 virions in late endosomes by enhancing internalization of nascent particles from the plasma membrane. <i>Cellular Microbiology</i> , 2013 , 15, 809-22	3.9	5
11	Human Jurkat lymphocytes clones differ in their capacity to support productive human immunodeficiency virus type 1 multiplication. <i>Journal of Virological Methods</i> , 2001 , 92, 207-13	2.6	5
10	HIV Infection and Persistence in Pulmonary Mucosal Double Negative T Cells. <i>Journal of Virology</i> , 2020 , 94,	6.6	5
9	Conserved residues within the HIV-1 Vpu transmembrane-proximal hinge region modulate BST2 binding and antagonism. <i>Retrovirology</i> , 2017 , 14, 18	3.6	4
8	Pharmacological Inhibition of PPAR γ Boosts HIV Reactivation and Th17 Effector Functions, While Preventing Progeny Virion Release and de Infection. <i>Pathogens and Immunity</i> , 2020 , 5, 177-239	4.9	4
7	Interleukin-1 β Triggers p53-Mediated Downmodulation of CCR5 and HIV-1 Entry in Macrophages through MicroRNAs 103 and 107. <i>MBio</i> , 2020 , 11,	7.8	3
6	RALDH Activity Induced by Bacterial/Fungal Pathogens in CD16 Monocyte-Derived Dendritic Cells Boosts HIV Infection and Outgrowth in CD4 T Cells. <i>Journal of Immunology</i> , 2021 , 206, 2638-2651	5.3	3
5	Lentiviral Infections Persist in Brain despite Effective Antiretroviral Therapy and Neuroimmune Activation.. <i>MBio</i> , 2021 , e0278421	7.8	3
4	From arrest to escape: HIV-1 Vpr cuts a deal. <i>Cell Host and Microbe</i> , 2014 , 15, 125-7	23.4	2
3	Assessing the Innate Sensing of HIV-1 Infected CD4+ T Cells by Plasmacytoid Dendritic Cells Using an Ex vivo Co-culture System. <i>Journal of Visualized Experiments</i> , 2015 ,	1.6	1
2	HIV-1 Vpu Promotes Phagocytosis of Infected CD4 T Cells by Macrophages through Downregulation of CD47. <i>MBio</i> , 2021 , 12, e0192021	7.8	1
1	Human Immunodeficiency Virus Type 1 Vpr Mediates Degradation of APC1, a Scaffolding Component of the Anaphase-Promoting Complex/Cyclosome. <i>Journal of Virology</i> , 2021 , 95, e0097120	6.6	