Benjamin K Chen

List of Publications by Year
in descending order

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52 papers	5,499 citations	201674 27 h-index	182427 51 g-index
56 all docs	56 docs citations	56 times ranked	6722 citing authors

#	Article	IF	Citations
1	Non-neutralizing antibodies targeting the immunogenic regions of HIV-1 envelope reduce mucosal infection and virus burden in humanized mice. PLoS Pathogens, 2022, 18, e1010183.	4.7	8
2	The HIV Env Glycoprotein Conformational States on Cells and Viruses. MBio, 2022, 13, e0182521.	4.1	11
3	A Replication-Competent HIV Clone Carrying GFP-Env Reveals Rapid Env Recycling at the HIV-1 T Cell Virological Synapse. Viruses, 2022, 14, 38.	3.3	7
4	Endocytic Motif on a Biotin-Tagged HIV-1 Env Modulates the Co-Transfer of Env and Gag during Cell-to-Cell Transmission. Viruses, 2021, 13, 1729.	3.3	3
5	Convalescent plasma treatment of severe COVID-19: a propensity scoreâ€“matched control study. Nature Medicine, 2020, 26, 1708-1713.	30.7	405
6	P2X1 Selective Antagonists Block HIV-1 Infection through Inhibition of Envelope Conformation-Dependent Fusion. Journal of Virology, 2020, 94, .	3.4	12
7	Variable infectivity and conserved engagement in cell-to-cell viral transfer by HIV-1 Env from Clade B transmitted founder clones. Virology, 2019, 526, 189-202.	2.4	7
8	Sequential trafficking of Env and Gag to HIV-1 T cell virological synapses revealed by live imaging. Retrovirology, 2019, 16, 2.	2.0	21
9	P2X Antagonists Inhibit HIV-1 Productive Infection and Inflammatory Cytokines Interleukin-10 (IL-10) and IL-1Î² in a Human Tonsil Explant Model. Journal of Virology, 2019, 93, .	3.4	31
10	Cooperative Transcription Factor Induction Mediates Hemogenic Reprogramming. Cell Reports, 2018, 25, 2821-2835.e7.	6.4	27
11	Anti-Î±4Î²7 therapy targets lymphoid aggregates in the gastrointestinal tract of HIV-1â€“infected individuals. Science Translational Medicine, 2018, 10, .	12.4	65
12	A High-throughput Cre-Lox Activated Viral Membrane Fusion Assay to Identify Inhibitors of HIV-1 Viral Membrane Fusion. Journal of Visualized Experiments, 2018, , .	0.3	6
13	Reduced Potency and Incomplete Neutralization of Broadly Neutralizing Antibodies against Cell-to-Cell Transmission of HIV-1 with Transmitted Founder Envs. Journal of Virology, 2017, 91, .	3.4	57
14	Visualization of HIV T Cell Virological Synapses and Virus-Containing Compartments by Three-Dimensional Correlative Light and Electron Microscopy. Journal of Virology, 2017, 91, .	3.4	26
15	Enhanced FCGR2A and FCGR3A signaling by HIV viremic controller IgG. JCI Insight, 2017, 2, e88226.	5.0	14
16	HIV infection-induced transcriptional program in renal tubular epithelial cells activates a CXCR2-driven CD4+ T-cell chemotactic response. Aids, 2016, 30, 1877-1888.	2.2	8
17	Cell-to-Cell Spread of HIV and Viral Pathogenesis. Advances in Virus Research, 2016, 95, 43-85.	2.1	26
18	InÂVivo HIV-1 Cell-to-Cell Transmission Promotes Multicopy Micro-compartmentalized Infection. Cell Reports, 2016, 15, 2771-2783.	6.4	101

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19	The HIV-1 late domain-2 S40A polymorphism in antiretroviral (or ART)-exposed individuals influences protease inhibitor susceptibility. Retrovirology, 2016, 13, 64.	2.0	4
20	A high throughput Creâ€“lox activated viral membrane fusion assay identifies pharmacological inhibitors of HIV entry. Virology, 2016, 490, 6-16.	2.4	19
21	Measuring T Cell-to-T Cell HIV-1 Transfer, Viral Fusion, and Infection Using Flow Cytometry. Methods in Molecular Biology, 2016, 1354, 21-38.	0.9	12
22	Purinergic Receptors: Key Mediators of HIV-1 Infection and Inflammation. Frontiers in Immunology, 2015, 6, 585.	4.8	27
23	HIV-1 Cell-Free and Cell-to-Cell Infections Are Differentially Regulated by Distinct Determinants in the Env gp41 Cytoplasmic Tail. Journal of Virology, 2015, 89, 9324-9337.	3.4	25
24	IFITM Proteins Restrict HIV-1 Infection by Antagonizing the Envelope Glycoprotein. Cell Reports, 2015, 13, 145-156.	6.4	133
25	Unique Features of HIV-1 Spread through T Cell Virological Synapses. PLoS Pathogens, 2014, 10, e1004513.	4.7	42
26	Renal epithelial cells produce and spread HIV-1 via T-cell contact. Aids, 2014, 28, 2345-2353.	2.2	32
27	HIV-1 Vpu Antagonism of Tetherin Inhibits Antibody-Dependent Cellular Cytotoxic Responses by Natural Killer Cells. Journal of Virology, 2014, 88, 6031-6046.	3.4	118
28	HIV-1 Interacts with Human Endogenous Retrovirus K (HML-2) Envelopes Derived from Human Primary Lymphocytes. Journal of Virology, 2014, 88, 6213-6223.	3.4	43
29	P2X-Selective Purinergic Antagonists Are Strong Inhibitors of HIV-1 Fusion during both Cell-to-Cell and Cell-Free Infection. Journal of Virology, 2014, 88, 11504-11515.	3.4	45
30	Mechanisms of enhanced <scp>HIV</scp> spread through Tâ€cell virological synapses. Immunological Reviews, 2013, 251, 113-124.	6.0	56
31	T cell virological synapses and HIV-1 pathogenesis. Immunologic Research, 2012, 54, 133-139.	2.9	25
32	Cannabinoid Receptor 2-Mediated Attenuation of CXCR4-Tropic HIV Infection in Primary CD4+ T Cells. PLoS ONE, 2012, 7, e33961.	2.5	65
33	Neutralization Resistance of Virological Synapse-Mediated HIV-1 Infection Is Regulated by the gp41 Cytoplasmic Tail. Journal of Virology, 2012, 86, 7484-7495.	3.4	62
34	Cell-to-Cell Transfer of HIV-1 via Virological Synapses Leads to Endosomal Virion Maturation that Activates Viral Membrane Fusion. Cell Host and Microbe, 2011, 10, 551-562.	11.0	117
35	Tracking and quantitation of fluorescent HIV during cell-to-cell transmission. Methods, 2011, 53, 20-26.	3.8	21
36	Multiploid Inheritance of HIV-1 during Cell-to-Cell Infection. Journal of Virology, 2011, 85, 7169-7176.	3.4	150

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37	Virological Synapses Allow HIV-1 Uptake and Gene Expression in Renal Tubular Epithelial Cells. Journal of the American Society of Nephrology: JASN, 2011, 22, 496-507.	6.1	76
38	Live 3D Imaging of HIV-1Transfer through the Virological Synapse. , 2011, , .		0
39	Visualizing Cell-to-cell Transfer of HIV using Fluorescent Clones of HIV and Live Confocal Microscopy. Journal of Visualized Experiments, 2010, , .	0.3	2
40	Human immunodeficiency virus (HIV)-1 infects human hepatic stellate cells and promotes collagen I and monocyte chemoattractant protein-1 expression: Implications for the pathogenesis of HIV/hepatitis C virus-induced liver fibrosis. Hepatology, 2010, 52, 612-622.	7.3	182
41	Manipulating CD4⁺ T cells by optical tweezers for the initiation of cellâ€cell transfer of HIVâ€1. Journal of Biophotonics, 2010, 3, 216-223.	2.3	32
42	Quantitative 3D Video Microscopy of HIV Transfer Across T Cell Virological Synapses. Science, 2009, 323, 1743-1747.	12.6	437
43	Lymphotoxin beta receptor signaling is required for inflammatory lymphangiogenesis in the thyroid. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5026-5031.	7.1	99
44	Sequence of Human Immunodeficiency Virus Type 1 (HIV-1) Gag Localization and Oligomerization Monitored with Live Confocal Imaging of a Replication-Competent, Fluorescently Tagged HIV-1. Journal of Virology, 2007, 81, 12596-12607.	3.4	217
45	Predominant Mode of Human Immunodeficiency Virus Transfer between T Cells Is Mediated by Sustained Env-Dependent Neutralization-Resistant Virological Synapses. Journal of Virology, 2007, 81, 12582-12595.	3.4	394
46	Chimeric HIV-1 containing SIV matrix exhibit enhanced assembly in murine cells and replicate in a cell-type-dependent manner in human T cells. Virology, 2006, 349, 1-12.	2.4	6
47	Inhibition of viral assembly in murine cells by HIV-1 matrix. Virology, 2006, 352, 27-38.	2.4	14
48	The Human Thioesterase II Protein Binds to a Site on HIV-1 Nef Critical for CD4 Down-regulation. Journal of Biological Chemistry, 2000, 275, 23097-23105.	3.4	65
49	The Selective Downregulation of Class I Major Histocompatibility Complex Proteins by HIV-1 Protects HIV-Infected Cells from NK Cells. Immunity, 1999, 10, 661-671.	14.3	791
50	HIV-1 Nef protein protects infected primary cells against killing by cytotoxic T lymphocytes. Nature, 1998, 391, 397-401.	27.8	950
51	Host Control of HIV-1 Parasitism in T Cells by the Nuclear Factor of Activated T Cells. Cell, 1998, 95, 595-604.	28.9	213
52	HIV-1 Directly Kills CD4+ T Cells by a Fas-independent Mechanism. Journal of Experimental Medicine, 1998, 187, 1113-1122.	8.5	184