

Daniel E Kaufmann

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

9,896
citations

61857

43
h-index

76769

74
g-index

87
all docs

87
docs citations

87
times ranked

13223
citing authors

#	ARTICLE	IF	CITATIONS
1	PD-1 expression on HIV-specific T cells is associated with T-cell exhaustion and disease progression. <i>Nature</i> , 2006, 443, 350-354.	13.7	2,380
2	Upregulation of CTLA-4 by HIV-specific CD4+ T cells correlates with disease progression and defines a reversible immune dysfunction. <i>Nature Immunology</i> , 2007, 8, 1246-1254.	7.0	485
3	Genetic and Immunologic Heterogeneity among Persons Who Control HIV Infection in the Absence of Therapy. <i>Journal of Infectious Diseases</i> , 2008, 197, 563-571.	1.9	484
4	Transcriptional analysis of HIV-specific CD8+ T cells shows that PD-1 inhibits T cell function by upregulating BATF. <i>Nature Medicine</i> , 2010, 16, 1147-1151.	15.2	448
5	A Blueprint for HIV Vaccine Discovery. <i>Cell Host and Microbe</i> , 2012, 12, 396-407.	5.1	348
6	CXCL13 is a plasma biomarker of germinal center activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2702-2707.	3.3	322
7	IL-10 is up-regulated in multiple cell types during viremic HIV infection and reversibly inhibits virus-specific T cells. <i>Blood</i> , 2009, 114, 346-356.	0.6	252
8	Comparative analysis of activation induced marker (AIM) assays for sensitive identification of antigen-specific CD4 T cells. <i>PLoS ONE</i> , 2017, 12, e0186998.	1.1	240
9	PD-1 and CTLA-4 Inhibitory Cosignaling Pathways in HIV Infection and the Potential for Therapeutic Intervention. <i>Journal of Immunology</i> , 2009, 182, 5891-5897.	0.4	218
10	Convalescent plasma for hospitalized patients with COVID-19: an open-label, randomized controlled trial. <i>Nature Medicine</i> , 2021, 27, 2012-2024.	15.2	206
11	A Neanderthal OAS1 isoform protects individuals of European ancestry against COVID-19 susceptibility and severity. <i>Nature Medicine</i> , 2021, 27, 659-667.	15.2	188
12	Decline of Humoral Responses against SARS-CoV-2 Spike in Convalescent Individuals. <i>MBio</i> , 2020, 11, .	1.8	186
13	Single-cell characterization and quantification of translation-competent viral reservoirs in treated and untreated HIV infection. <i>PLoS Pathogens</i> , 2019, 15, e1007619.	2.1	177
14	The HIV-1 gp120 CD4-Bound Conformation Is Preferentially Targeted by Antibody-Dependent Cellular Cytotoxicity-Mediating Antibodies in Sera from HIV-1-Infected Individuals. <i>Journal of Virology</i> , 2015, 89, 545-551.	1.5	173
15	A single dose of the SARS-CoV-2 vaccine BNT162b2 elicits Fc-mediated antibody effector functions and T _H cell responses. <i>Cell Host and Microbe</i> , 2021, 29, 1137-1150.e6.	5.1	173
16	Comprehensive Analysis of Human Immunodeficiency Virus Type 1-Specific CD4 Responses Reveals Marked Immunodominance of gag and nef and the Presence of Broadly Recognized Peptides. <i>Journal of Virology</i> , 2004, 78, 4463-4477.	1.5	171
17	Single-Cell Characterization of Viral Translation-Competent Reservoirs in HIV-Infected Individuals. <i>Cell Host and Microbe</i> , 2016, 20, 368-380.	5.1	170
18	Responsiveness of HIV-specific CD4 T cells to PD-1 blockade. <i>Blood</i> , 2011, 118, 965-974.	0.6	158

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19	Live imaging of SARS-CoV-2 infection in mice reveals that neutralizing antibodies require Fc function for optimal efficacy. <i>Immunity</i> , 2021, 54, 2143-2158.e15.	6.6	155
20	Limited Durability of Viral Control following Treated Acute HIV Infection. <i>PLoS Medicine</i> , 2004, 1, e36.	3.9	149
21	Longitudinal analysis of humoral immunity against SARS-CoV-2 Spike in convalescent individuals up to 8 months post-symptom onset. <i>Cell Reports Medicine</i> , 2021, 2, 100290.	3.3	145
22	Cutting Edge: Prolonged Exposure to HIV Reinforces a Poised Epigenetic Program for PD-1 Expression in Virus-Specific CD8 T Cells. <i>Journal of Immunology</i> , 2013, 191, 540-544.	0.4	143
23	Macrophage Infection via Selective Capture of HIV-1-Infected CD4+ T Cells. <i>Cell Host and Microbe</i> , 2014, 16, 711-721.	5.1	143
24	High-throughput detection of miRNAs and gene-specific mRNA at the single-cell level by flow cytometry. <i>Nature Communications</i> , 2014, 5, 5641.	5.8	133
25	Role of PD-1 in HIV Pathogenesis and as Target for Therapy. <i>Current HIV/AIDS Reports</i> , 2012, 9, 81-90.	1.1	127
26	CD4 mimetics sensitize HIV-1-infected cells to ADCC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2687-94.	3.3	118
27	Combination anti-HIV-1 antibody therapy is associated with increased virus-specific T cell immunity. <i>Nature Medicine</i> , 2020, 26, 222-227.	15.2	108
28	HIV-specific CD4 T cells and immune control of viral replication. <i>Current Opinion in HIV and AIDS</i> , 2011, 6, 174-180.	1.5	95
29	An Asymmetric Opening of HIV-1 Envelope Mediates Antibody-Dependent Cellular Cytotoxicity. <i>Cell Host and Microbe</i> , 2019, 25, 578-587.e5.	5.1	93
30	Altered differentiation is central to HIV-specific CD4+ T cell dysfunction in progressive disease. <i>Nature Immunology</i> , 2019, 20, 1059-1070.	7.0	84
31	Follicular Dendritic Cells Retain Infectious HIV in Cycling Endosomes. <i>PLoS Pathogens</i> , 2015, 11, e1005285.	2.1	84
32	Strong humoral immune responses against SARS-CoV-2 Spike after BNT162b2 mRNA vaccination with a 16-week interval between doses. <i>Cell Host and Microbe</i> , 2022, 30, 97-109.e5.	5.1	83
33	Uninfected Bystander Cells Impact the Measurement of HIV-Specific Antibody-Dependent Cellular Cytotoxicity Responses. <i>MBio</i> , 2018, 9, .	1.8	82
34	Beyond the replication-competent HIV reservoir: transcription and translation-competent reservoirs. <i>Retrovirology</i> , 2018, 15, 18.	0.9	76
35	Nef Proteins from HIV-1 Elite Controllers Are Inefficient at Preventing Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2016, 90, 2993-3002.	1.5	72
36	Small CD4 Mimetics Prevent HIV-1 Uninfected Bystander CD4 + T Cell Killing Mediated by Antibody-dependent Cell-mediated Cytotoxicity. <i>EBioMedicine</i> , 2016, 3, 122-134.	2.7	67

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37	Co-receptor Binding Site Antibodies Enable CD4-Mimetics to Expose Conserved Anti-cluster A ADCC Epitopes on HIV-1 Envelope Glycoproteins. <i>EBioMedicine</i> , 2016, 12, 208-218.	2.7	65
38	Flow cytometry-based assay to study HIV-1 gp120 specific antibody-dependent cellular cytotoxicity responses. <i>Journal of Virological Methods</i> , 2014, 208, 107-114.	1.0	62
39	Differential Impact of PD-1 and/or Interleukin-10 Blockade on HIV-1-Specific CD4 T Cell and Antigen-Presenting Cell Functions. <i>Journal of Virology</i> , 2014, 88, 2508-2518.	1.5	58
40	Multiparametric characterization of rare HIV-infected cells using an RNA-flow FISH technique. <i>Nature Protocols</i> , 2017, 12, 2029-2049.	5.5	55
41	Antibody-Dependent Cellular Cytotoxicity against Reactivated HIV-1-Infected Cells. <i>Journal of Virology</i> , 2016, 90, 2021-2030.	1.5	53
42	Immune Checkpoint Blockade Restores HIV-Specific CD4 T Cell Help for NK Cells. <i>Journal of Immunology</i> , 2018, 201, 971-981.	0.4	50
43	SARS-CoV-2 Omicron Spike recognition by plasma from individuals receiving BNT162b2 mRNA vaccination with a 16-week interval between doses. <i>Cell Reports</i> , 2022, 38, 110429.	2.9	50
44	Covid-19 vaccine immunogenicity in people living with HIV-1. <i>Vaccine</i> , 2022, 40, 3633-3637.	1.7	47
45	Programmed death-1 as a factor in immune exhaustion and activation in HIV infection. <i>Current Opinion in HIV and AIDS</i> , 2008, 3, 362-367.	1.5	44
46	Persistent expansion and Th1-like skewing of HIV-specific circulating T follicular helper cells during antiretroviral therapy. <i>EBioMedicine</i> , 2020, 54, 102727.	2.7	42
47	Distinctive features of CD4+ T cell dysfunction in chronic viral infections. <i>Current Opinion in HIV and AIDS</i> , 2014, 9, 446-451.	1.5	41
48	Envelope glycoproteins sampling states 2/3 are susceptible to ADCC by sera from HIV-1-infected individuals. <i>Virology</i> , 2018, 515, 38-45.	1.1	40
49	Translocated microbiome composition determines immunological outcome in treated HIV infection. <i>Cell</i> , 2021, 184, 3899-3914.e16.	13.5	35
50	CD4 ⁺ CD25 ⁺ Regulatory T Cells Impair HIV-1-Specific CD4 T Cell Responses by Upregulating Interleukin-10 Production in Monocytes. <i>Journal of Virology</i> , 2012, 86, 6586-6594.	1.5	34
51	Combined single-cell transcriptional, translational, and genomic profiling reveals HIV-1 reservoir diversity. <i>Cell Reports</i> , 2021, 36, 109643.	2.9	34
52	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality. <i>Science Advances</i> , 2021, 7, eabj5629.	4.7	32
53	The Biobanque qu'@b@coise de la COVID-19 (BQC19)â€”A cohort to prospectively study the clinical and biological determinants of COVID-19 clinical trajectories. <i>PLoS ONE</i> , 2021, 16, e0245031.	1.1	30
54	HIV-1 Antibody Neutralization Breadth Is Associated with Enhanced HIV-Specific CD4 ⁺ T Cell Responses. <i>Journal of Virology</i> , 2016, 90, 2208-2220.	1.5	29

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55	Modulating HIV-1 envelope glycoprotein conformation to decrease the HIV-1 reservoir. <i>Cell Host and Microbe</i> , 2021, 29, 904-916.e6.	5.1	29
56	HIV-1 Vpu Downregulates Tim-3 from the Surface of Infected CD4 ⁺ T Cells. <i>Journal of Virology</i> , 2020, 94, .	1.5	28
57	Immune Screening Identifies Novel T Cell Targets Encoded by Antisense Reading Frames of HIV-1. <i>Journal of Virology</i> , 2015, 89, 4015-4019.	1.5	24
58	Identification of SARS-CoV-2-specific immune alterations in acutely ill patients. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	24
59	VSV-Displayed HIV-1 Envelope Identifies Broadly Neutralizing Antibodies Class-Switched to IgG and IgA. <i>Cell Host and Microbe</i> , 2020, 27, 963-975.e5.	5.1	23
60	5-€² Rapid Amplification of cDNA Ends and Illumina MiSeq Reveals B Cell Receptor Features in Healthy Adults, Adults With Chronic HIV-1 Infection, Cord Blood, and Humanized Mice. <i>Frontiers in Immunology</i> , 2018, 9, 628.	2.2	18
61	Evolution of Anti-RBD IgG Avidity following SARS-CoV-2 Infection. <i>Viruses</i> , 2022, 14, 532.	1.5	17
62	Single-Cell Technologies Applied to HIV-1 Research: Reaching Maturity. <i>Frontiers in Microbiology</i> , 2020, 11, 297.	1.5	16
63	Temporal associations of B and T cell immunity with robust vaccine responsiveness in a 16-week interval BNT162b2 regimen. <i>Cell Reports</i> , 2022, 39, 111013.	2.9	16
64	Daily variations of gut microbial translocation markers in ART-treated HIV-infected people. <i>AIDS Research and Therapy</i> , 2020, 17, 15.	0.7	14
65	RNA flow cytometric FISH for investigations into HIV immunology, vaccination and cure strategies. <i>AIDS Research and Therapy</i> , 2017, 14, 40.	0.7	10
66	Tools for Visualizing HIV in Cure Research. <i>Current HIV/AIDS Reports</i> , 2018, 15, 39-48.	1.1	6
67	Treatment interruption to boost specific HIV immunity in acute infection. <i>Current Opinion in HIV and AIDS</i> , 2007, 2, 21-25.	1.5	5
68	Harnessing T Follicular Helper Cell Responses for HIV Vaccine Development. <i>Viruses</i> , 2018, 10, 336.	1.5	5
69	Targeting Mitochondria to Revive Dysfunctional Regulatory T Cells. <i>Trends in Molecular Medicine</i> , 2019, 25, 1-3.	3.5	5
70	<i>In Vitro</i> Assay to Evaluate the Impact of Immunoregulatory Pathways on HIV-specific CD4 T Cell Effector Function. <i>Journal of Visualized Experiments</i> , 2013, , e50821.	0.2	4
71	Failed immune responses across multiple pathologies share pan-tumor and circulating lymphocytic targets. <i>Journal of Clinical Investigation</i> , 2019, 129, 2463-2479.	3.9	4
72	The value of preserving HIV-specific immune responses. <i>Journal of HIV Therapy</i> , 2003, 8, 19-25.	0.6	3

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73	Impact of cobas PCR Media freezing on SARS-CoV-2 viral RNA integrity and whole genome sequencing analyses. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 101, 115521.	0.8	2
74	Single-Cell Multiparametric Analysis of Rare HIV-Infected Cells Identified by Duplexed RNAflow-FISH. <i>Methods in Molecular Biology</i> , 2022, 2407, 291-313.	0.4	2