

Kim J Hasenkrug

List of Publications by Year in descending order

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89
papers

3,628
citations

109137

35
h-index

149479

56
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93
all docs

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docs citations

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times ranked

3959
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Impairment of CD8 ⁺ T Cells by Regulatory T Cells during Persistent Retroviral Infection. <i>Immunity</i> , 2004, 20, 293-303.	6.6	296
2	HIV vaccine design: insights from live attenuated SIV vaccines. <i>Nature Immunology</i> , 2006, 7, 19-23.	7.0	235
3	<i>ApoBec3</i> Encodes <i>Rfv3</i> , a Gene Influencing Neutralizing Antibody Control of Retrovirus Infection. <i>Science</i> , 2008, 321, 1343-1346.	6.0	127
4	Immunity to retroviral infection: The Friend virus model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 7811-7816.	3.3	121
5	Critical Role for CD4 ⁺ T Cells in Controlling Retrovirus Replication and Spread in Persistently Infected Mice. <i>Journal of Virology</i> , 1998, 72, 6559-6564.	1.5	119
6	Interferon Alpha Subtype-Specific Suppression of HIV-1 Infection <i>In Vivo</i> . <i>Journal of Virology</i> , 2016, 90, 6001-6013.	1.5	114
7	BLT-humanized C57BL/6 Rag2 ^Δ /CD47 ^Δ mice are resistant to GVHD and develop B- and T-cell immunity to HIV infection. <i>Blood</i> , 2013, 122, 4013-4020.	0.6	100
8	Requirement for multiple lymphocyte subsets in protection by a live attenuated vaccine against retroviral infection. <i>Nature Medicine</i> , 1999, 5, 189-193.	15.2	98
9	Adaptive Immune Responses to Zika Virus Are Important for Controlling Virus Infection and Preventing Infection in Brain and Testes. <i>Journal of Immunology</i> , 2017, 198, 3526-3535.	0.4	97
10	Transient depletion of regulatory T cells in transgenic mice reactivates virus-specific CD8 ⁺ T cells and reduces chronic retroviral set points. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2420-2425.	3.3	94
11	Interferon- γ Subtypes in an Ex Vivo Model of Acute HIV-1 Infection: Expression, Potency and Effector Mechanisms. <i>PLoS Pathogens</i> , 2015, 11, e1005254.	2.1	84
12	CD8 + T-Cell Dysfunction due to Cytolytic Granule Deficiency in Persistent Friend Retrovirus Infection. <i>Journal of Virology</i> , 2005, 79, 10619-10626.	1.5	75
13	Suppression of Acute Anti-Friend Virus CD8 ⁺ T-Cell Responses by Coinfection with Lactate Dehydrogenase-Elevating Virus. <i>Journal of Virology</i> , 2008, 82, 408-418.	1.5	75
14	Virus-Specific CD8 ⁺ T Cells Upregulate Programmed Death-1 Expression during Acute Friend Retrovirus Infection but Are Highly Cytotoxic and Control Virus Replication. <i>Journal of Immunology</i> , 2011, 187, 3730-3737.	0.4	74
15	In Vitro Suppression of CD8 ⁺ T Cell Function by Friend Virus-Induced Regulatory T Cells. <i>Journal of Immunology</i> , 2006, 176, 3342-3349.	0.4	72
16	Characterization of a Live-Attenuated Retroviral Vaccine Demonstrates Protection via Immune Mechanisms. <i>Journal of Virology</i> , 1998, 72, 6554-6558.	1.5	71
17	Improvements and Limitations of Humanized Mouse Models for HIV Research: NIH/NIAID "Meet the Experts" 2015 Workshop Summary. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 109-119.	0.5	57
18	An advanced BLT-humanized mouse model for extended HIV-1 cure studies. <i>Aids</i> , 2018, 32, 1-10.	1.0	54

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19	The Role of CD4 and CD8 T Cells in Recovery and Protection from Retroviral Infection: Lessons from the Friend Virus Model. <i>Virology</i> , 2000, 272, 244-249.	1.1	52
20	CD4+ T Cells and Gamma Interferon in the Long-Term Control of Persistent Friend Retrovirus Infection. <i>Journal of Virology</i> , 2001, 75, 52-60.	1.5	50
21	Essential Roles for CD8 + T Cells and Gamma Interferon in Protection of Mice against Retrovirus-Induced Immunosuppression. <i>Journal of Virology</i> , 2002, 76, 450-454.	1.5	48
22	Lymphocyte Deficiencies Increase Susceptibility to Friend Virus-Induced Erythroleukemia in Fv-2 Genetically Resistant Mice. <i>Journal of Virology</i> , 1999, 73, 6468-6473.	1.5	48
23	Reduction of Retrovirus-Induced Immunosuppression by In Vivo Modulation of T Cells during Acute Infection. <i>Journal of Virology</i> , 2004, 78, 11641-11647.	1.5	46
24	A functional subset of CD8+ T cells during chronic exhaustion is defined by SIRP1 expression. <i>Nature Communications</i> , 2019, 10, 794.	5.8	46
25	Role of Interleukin-4 (IL-4), IL-12, and Gamma Interferon in Primary and Vaccine-Primed Immune Responses to Friend Retrovirus Infection. <i>Journal of Virology</i> , 2001, 75, 654-660.	1.5	45
26	Tetherin Promotes the Innate and Adaptive Cell-Mediated Immune Response against Retrovirus Infection In Vivo. <i>Journal of Immunology</i> , 2014, 193, 306-316.	0.4	45
27	CD137 Costimulation of CD8+ T Cells Confers Resistance to Suppression by Virus-Induced Regulatory T Cells. <i>Journal of Immunology</i> , 2008, 180, 5267-5274.	0.4	44
28	Immune Control and Prevention of Chronic Friend Retrovirus Infection. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 1544.	3.0	44
29	Essential role for virus-neutralizing antibodies in sterilizing immunity against Friend retrovirus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12260-12265.	3.3	43
30	The role of virus-induced regulatory T cells in immunopathology. <i>Seminars in Immunopathology</i> , 2006, 28, 51-62.	4.0	43
31	A Single Nucleotide Polymorphism in Tetherin Promotes Retrovirus Restriction In Vivo. <i>PLoS Pathogens</i> , 2012, 8, e1002596.	2.1	42
32	Immunoglobulin somatic hypermutation by APOBEC3/Rfv3 during retroviral infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7759-7764.	3.3	39
33	Lactate Dehydrogenase-Elevating Virus Induces Systemic Lymphocyte Activation via TLR7-Dependent IFN Responses by Plasmacytoid Dendritic Cells. <i>PLoS ONE</i> , 2009, 4, e6105.	1.1	39
34	Immunoprotective Determinants in Friend Murine Leukemia Virus Envelope Protein. <i>Virology</i> , 1998, 248, 66-73.	1.1	38
35	Complement as an Endogenous Adjuvant for Dendritic Cell-Mediated Induction of Retrovirus-Specific CTLs. <i>PLoS Pathogens</i> , 2010, 6, e1000891.	2.1	38
36	Temporal Effects of Gamma Interferon Deficiency on the Course of Friend Retrovirus Infection in Mice. <i>Journal of Virology</i> , 2002, 76, 2225-2232.	1.5	37

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37	Regulatory T cells in retroviral infections. <i>PLoS Pathogens</i> , 2018, 14, e1006776.	2.1	36
38	Activated CD8 ⁺ T Cells Induce Expansion of VÎ ²⁵⁺ Regulatory T Cells via TNFR2 Signaling. <i>Journal of Immunology</i> , 2014, 193, 2952-2960.	0.4	34
39	The Leptin Connection: Regulatory T Cells and Autoimmunity. <i>Immunity</i> , 2007, 26, 143-145.	6.6	32
40	IL-2â€œIndependent and TNF-Î±â€œDependent Expansion of VÎ ²⁵⁺ Natural Regulatory T Cells during Retrovirus Infection. <i>Journal of Immunology</i> , 2013, 190, 5485-5495.	0.4	32
41	CD4 ⁺ T Cells Develop Antiretroviral Cytotoxic Activity in the Absence of Regulatory T Cells and CD8 ⁺ T Cells. <i>Journal of Virology</i> , 2013, 87, 6306-6313.	1.5	31
42	Immunotherapeutic Blockade of CD47 Inhibitory Signaling Enhances Innate and Adaptive Immune Responses to Viral Infection. <i>Cell Reports</i> , 2020, 31, 107494.	2.9	31
43	Production of bone marrow, liver, thymus (BLT) humanized mice on the C57BL/6 Rag2 ^Δ /âˆ† ³ câˆ†/âˆ†CD47 ^Δ /âˆ† background. <i>Journal of Immunological Methods</i> , 2014, 407, 127-134.	0.6	29
44	Upregulation of CD47 Is a Host Checkpoint Response to Pathogen Recognition. <i>MBio</i> , 2020, 11, .	1.8	29
45	Protection against Establishment of Retroviral Persistence by Vaccination with a Live Attenuated Virus. <i>Journal of Virology</i> , 1999, 73, 3753-3757.	1.5	29
46	Recovery from Acute SARS-CoV-2 Infection and Development of Anamnestic Immune Responses in T Cell-Depleted Rhesus Macaques. <i>MBio</i> , 2021, 12, e0150321.	1.8	28
47	Major Histocompatibility Complex Class I Gene Controls the Generation of Gamma Interferon-Producing CD4 ⁺ and CD8 ⁺ T Cells Important for Recovery from Friend Retrovirus-Induced Leukemia. <i>Journal of Virology</i> , 2000, 74, 5363-5367.	1.5	26
48	Tissue-Specific Abundance of Regulatory T Cells Correlates with CD8 ⁺ T Cell Dysfunction and Chronic Retrovirus Loads. <i>Journal of Immunology</i> , 2009, 183, 1636-1643.	0.4	25
49	Distinct roles of CD4 ⁺ T cell subpopulations in retroviral immunity: lessons from the Friend virus mouse model. <i>Retrovirology</i> , 2011, 8, 76.	0.9	25
50	Fine Mapping of the Friend Retrovirus Resistance Gene, <i>Rfv3</i> , on Mouse Chromosome 15. <i>Journal of Virology</i> , 1999, 73, 7848-7852.	1.5	25
51	Stimulation of Toll-Like Receptors profoundly influences the titer of polyreactive antibodies in the circulation. <i>Scientific Reports</i> , 2015, 5, 15066.	1.6	24
52	Tetherin/BST-2 promotes dendritic cell activation and function during acute retrovirus infection. <i>Scientific Reports</i> , 2016, 6, 20425.	1.6	24
53	Fas Ligand-mediated cytotoxicity of CD4 ⁺ T cells during chronic retrovirus infection. <i>Scientific Reports</i> , 2017, 7, 7785.	1.6	23
54	Kinetics of the Development of Protective Immunity in Mice Vaccinated with a Live Attenuated Retrovirus. <i>Journal of Virology</i> , 1999, 73, 8435-8440.	1.5	23

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55	Effects of Acute and Chronic Murine Norovirus Infections on Immune Responses and Recovery from Friend Retrovirus Infection. <i>Journal of Virology</i> , 2009, 83, 13037-13041.	1.5	22
56	Qualitative Differences Between the IFN γ subtypes and IFN γ Influence Chronic Mucosal HIV-1 Pathogenesis. <i>PLoS Pathogens</i> , 2020, 16, e1008986.	2.1	22
57	Persistent Friend Virus Replication and Disease in <i>ApoBec3</i> -Deficient Mice Expressing Functional B-Cell-Activating Factor Receptor. <i>Journal of Virology</i> , 2011, 85, 189-199.	1.5	21
58	IFN γ Treatment Inhibits Acute Friend Retrovirus Replication Primarily through the Antiviral Effector Molecule ApoBec3. <i>Journal of Immunology</i> , 2013, 190, 1583-1590.	0.4	21
59	Different Immunological Requirements for Protection Against Acute versus Persistent Friend Retrovirus Infections. <i>Virology</i> , 2000, 272, 177-182.	1.1	20
60	Mice of the resistant H-2b haplotype mount broad CD4+ T cell responses against 9 distinct Friend virus epitopes. <i>Virology</i> , 2014, 456-457, 139-144.	1.1	19
61	Pathogenicity of Ebola and Marburg Viruses Is Associated With Differential Activation of the Myeloid Compartment in Humanized Triple Knockout-Bone Marrow, Liver, and Thymus Mice. <i>Journal of Infectious Diseases</i> , 2018, 218, S409-S417.	1.9	19
62	The role of IL-5, IL-6 and IL-10 in primary and vaccine-primed immune responses to infection with Friend retrovirus (Murine leukaemia virus). <i>Journal of General Virology</i> , 2001, 82, 1349-1354.	1.3	19
63	Friend retrovirus studies reveal complex interactions between intrinsic, innate and adaptive immunity. <i>FEMS Microbiology Reviews</i> , 2019, 43, 435-456.	3.9	18
64	Negative Impact of IFN γ on Early Host Immune Responses to Retroviral Infection. <i>Journal of Immunology</i> , 2012, 189, 2521-2529.	0.4	16
65	B Cell Requirement for Robust Regulatory T Cell Responses to Friend Retrovirus Infection. <i>MBio</i> , 2017, 8, .	1.8	16
66	Concurrent administration of IFN γ 14 and cART in TKO-BLT mice enhances suppression of HIV-1 viremia but does not eliminate the latent reservoir. <i>Scientific Reports</i> , 2019, 9, 18089.	1.6	15
67	No SEVI-mediated enhancement of rectal HIV-1 transmission of HIV-1 in two humanized mouse cohorts. <i>Virology</i> , 2016, 488, 88-95.	1.1	11
68	Complement Opsonization Enhances Friend Virus Infection of B Cells and Thereby Amplifies the Virus-Specific CD8+ T Cell Response. <i>Journal of Virology</i> , 2011, 85, 1151-1155.	1.5	10
69	Regulatory T cells suppress virus-specific antibody responses to Friend retrovirus infection. <i>PLoS ONE</i> , 2018, 13, e0195402.	1.1	9
70	Retroviral immunology: lessons from a mouse model. <i>Immunologic Research</i> , 2009, 43, 160-166.	1.3	8
71	Effects of Friend Virus Infection and Regulatory T Cells on the Antigen Presentation Function of B Cells. <i>MBio</i> , 2019, 10, .	1.8	8
72	Effective treatment of retrovirus-induced suppression of antibody responses with CpG oligodeoxynucleotides. <i>Journal of General Virology</i> , 2005, 86, 3365-3368.	1.3	7

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73	CD8+ T Cells Are Essential for Controlling Acute Friend Retrovirus Infection in C57BL/6 Mice. <i>Journal of Virology</i> , 2014, 88, 5200-5201.	1.5	7
74	Type I interferon signaling is required for the APOBEC3/Rfv3-dependent neutralizing antibody response but not innate retrovirus restriction. <i>Retrovirology</i> , 2017, 14, 25.	0.9	6
75	Detailed analysis of antibody responses to SARS-CoV-2 vaccination and infection in macaques. <i>PLoS Pathogens</i> , 2022, 18, e1010155.	2.1	6
76	Comment on "Premature Terminal Exhaustion of Friend Virus-Specific Effector CD8+ T Cells by Rapid Induction of Multiple Inhibitory Receptors". <i>Journal of Immunology</i> , 2010, 185, 1349.1-1349.	0.4	5
77	Different Biological Activities of Specific Interferon Alpha Subtypes. <i>MSphere</i> , 2019, 4, .	1.3	5
78	Functional Impairment of CD8 T Cells by Regulatory T Cells during Persistent Retroviral Infection. <i>Immunity</i> , 2004, 20, 653.	6.6	3
79	B-Cell Control of Regulatory T Cells in Friend Virus Infection. <i>Journal of Molecular Biology</i> , 2021, 433, 166583.	2.0	3
80	CD47 expression attenuates Ebola virus-induced immunopathology in mice. <i>Antiviral Research</i> , 2022, 197, 105226.	1.9	2
81	In Vitro and In Vivo Analyses of Regulatory T Cell Suppression of CD8+ T Cells. <i>Methods in Molecular Biology</i> , 2011, 707, 45-54.	0.4	1
82	CD47 Blockade Leads to Chemokine-Dependent Monocyte Infiltration and Loss of B Cells from the Splenic Marginal Zone. <i>Journal of Immunology</i> , 2022, 208, 1371-1377.	0.4	1
83	Why Study Mouse Retroviruses?. , 2010, , 27-30.		0
84	Title is missing!. , 2020, 16, e1008986.		0
85	Title is missing!. , 2020, 16, e1008986.		0
86	Title is missing!. , 2020, 16, e1008986.		0
87	Title is missing!. , 2020, 16, e1008986.		0
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89	Title is missing!. , 2020, 16, e1008986.		0