

Kenneth L Rosenthal

List of Publications by Citations

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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.

55
papers

2,737
citations

31
h-index

52
g-index

55
ext. papers

2,909
ext. citations

5.1
avg, IF

4.77
L-index

#	Paper	IF	Citations
55	Intranasal immunization with CpG oligodeoxynucleotides as an adjuvant dramatically increases IgA and protection against herpes simplex virus-2 in the genital tract. <i>Journal of Immunology</i> , 2001 , 166, 3451-7	5.3	200
54	Progesterone increases susceptibility and decreases immune responses to genital herpes infection. <i>Journal of Virology</i> , 2003 , 77, 4558-65	6.6	184
53	Interleukin-15 and natural killer and NKT cells play a critical role in innate protection against genital herpes simplex virus type 2 infection. <i>Journal of Virology</i> , 2003 , 77, 10168-71	6.6	181
52	Local delivery of CpG oligodeoxynucleotides induces rapid changes in the genital mucosa and inhibits replication, but not entry, of herpes simplex virus type 2. <i>Journal of Virology</i> , 2003 , 77, 8948-56	6.6	138
51	Toll-like receptor (TLR)-3, but not TLR4, agonist protects against genital herpes infection in the absence of inflammation seen with CpG DNA. <i>Journal of Infectious Diseases</i> , 2004 , 190, 1841-9	7	124
50	Specific secretory immune responses in the female genital tract following intranasal immunization with a recombinant adenovirus expressing glycoprotein B of herpes simplex virus. <i>Vaccine</i> , 1995 , 13, 1589-95	4.1	124
49	Toll-like receptor 9, CpG DNA and innate immunity. <i>Current Molecular Medicine</i> , 2002 , 2, 545-56	2.5	116
48	Toll-like receptor expression and responsiveness are increased in viraemic HIV-1 infection. <i>Aids</i> , 2008 , 22, 685-94	3.5	112
47	Prolonged exposure to progesterone prevents induction of protective mucosal responses following intravaginal immunization with attenuated herpes simplex virus type 2. <i>Journal of Virology</i> , 2003 , 77, 9845-51	6.6	106
46	Effects of the estrous cycle on local humoral immune responses and protection of intranasally immunized female mice against herpes simplex virus type 2 infection in the genital tract. <i>Virology</i> , 1996 , 224, 487-97	3.6	96
45	HIV-1-specific cellular immune responses among HIV-1-resistant sex workers. <i>Immunology and Cell Biology</i> , 2000 , 78, 586-95	5	74
44	Suppression of activation of the human immunodeficiency virus long terminal repeat by CD8+ T cells is not lentivirus specific. <i>AIDS Research and Human Retroviruses</i> , 1995 , 11, 1321-6	1.6	72
43	Estradiol regulates susceptibility following primary exposure to genital herpes simplex virus type 2, while progesterone induces inflammation. <i>Journal of Virology</i> , 2005 , 79, 3107-16	6.6	71
42	Protection against genital herpes infection in mice immunized under different hormonal conditions correlates with induction of vagina-associated lymphoid tissue. <i>Journal of Virology</i> , 2005 , 79, 3117-26	6.6	70
41	Intravaginal immunization with viral subunit protein plus CpG oligodeoxynucleotides induces protective immunity against HSV-2. <i>Vaccine</i> , 2004 , 22, 3098-104	4.1	62
40	Mucosal immunization with inactivated human immunodeficiency virus plus CpG oligodeoxynucleotides induces genital immune responses and protection against intravaginal challenge. <i>Journal of Infectious Diseases</i> , 2002 , 186, 1098-105	7	56
39	Mucosal innate and adaptive immune responses against herpes simplex virus type 2 in a humanized mouse model. <i>Journal of Virology</i> , 2009 , 83, 10664-76	6.6	53

38	Susceptibility of human female primary genital epithelial cells to herpes simplex virus, type-2 and the effect of TLR3 ligand and sex hormones on infection. <i>Biology of Reproduction</i> , 2007 , 77, 1049-59	3.9	53
37	Challenges for vaccination against sexually-transmitted diseases: induction and long-term maintenance of mucosal immune responses in the female genital tract. <i>Seminars in Immunology</i> , 1997 , 9, 303-14	10.7	51
36	HIV-1 RNA dysregulates the natural TLR response to subclinical endotoxemia in Kenyan female sex-workers. <i>PLoS ONE</i> , 2009 , 4, e5644	3.7	50
35	Differential induction of innate anti-viral responses by TLR ligands against Herpes simplex virus, type 2, infection in primary genital epithelium of women. <i>Antiviral Research</i> , 2009 , 81, 103-12	10.8	48
34	NK and NKT cell-independent contribution of interleukin-15 to innate protection against mucosal viral infection. <i>Journal of Virology</i> , 2005 , 79, 4470-8	6.6	44
33	IL-15 and type I interferon are required for activation of tumoricidal NK cells by virus-infected dendritic cells. <i>Cancer Research</i> , 2011 , 71, 2497-506	10.1	43
32	CD8+ T-cell-mediated cross-clade protection in the genital tract following intranasal immunization with inactivated human immunodeficiency virus antigen plus CpG oligodeoxynucleotides. <i>Journal of Virology</i> , 2005 , 79, 393-400	6.6	41
31	Parameters of CpG oligodeoxynucleotide-induced protection against intravaginal HSV-2 challenge. <i>Journal of Medical Virology</i> , 2003 , 71, 561-8	19.7	39
30	Intravaginal infection with herpes simplex virus type-2 (HSV-2) generates a functional effector memory T cell population that persists in the murine genital tract. <i>Journal of Reproductive Immunology</i> , 2010 , 87, 39-44	4.2	37
29	TLR10 Senses HIV-1 Proteins and Significantly Enhances HIV-1 Infection. <i>Frontiers in Immunology</i> , 2019 , 10, 482	8.4	36
28	RANTES production by T cells and CD8-mediated inhibition of human immunodeficiency virus gene expression before initiation of potent antiretroviral therapy predict sustained suppression of viral replication. <i>Journal of Infectious Diseases</i> , 2000 , 181, 505-12	7	35
27	War and peace between WAP and HIV: role of SLPI, trappin-2, elafin and ps20 in susceptibility to HIV infection. <i>Biochemical Society Transactions</i> , 2011 , 39, 1427-32	5.1	31
26	Treatment of intravaginal HSV-2 infection in mice: a comparison of CpG oligodeoxynucleotides and resiquimod (R-848). <i>Antiviral Research</i> , 2006 , 69, 77-85	10.8	31
25	The influence of lymphocyte counts and disease progression on circulating and inducible anti-HIV-1 cytotoxic T-cell activity in HIV-1-infected subjects. <i>Aids</i> , 1992 , 6, 1085-94	3.5	31
24	Suppression of the human immunodeficiency virus long terminal repeat by CD8+ T cells is dependent on the NFAT-1 element. <i>AIDS Research and Human Retroviruses</i> , 1996 , 12, 143-8	1.6	29
23	Milk matters: soluble Toll-like receptor 2 (sTLR2) in breast milk significantly inhibits HIV-1 infection and inflammation. <i>PLoS ONE</i> , 2012 , 7, e40138	3.7	26
22	Breastfeeding Behaviors and the Innate Immune System of Human Milk: Working Together to Protect Infants against Inflammation, HIV-1, and Other Infections. <i>Frontiers in Immunology</i> , 2017 , 8, 1631	8.4	25
21	CD8+ T-cell-mediated suppression of HIV-1 long terminal repeat-driven gene expression is not modulated by the CC chemokines RANTES, macrophage inflammatory protein (MIP)-1 alpha and MIP-1 beta. <i>Aids</i> , 1997 , 11, 575-80	3.5	25

20	Multiple tandem copies of conserved gp41 epitopes incorporated in gag virus-like particles elicit systemic and mucosal antibodies in an optimized heterologous vector delivery regimen. <i>Vaccine</i> , 2010 , 28, 7070-80	4.1	24
19	Antiviral activity of trappin-2 and elafin in vitro and in vivo against genital herpes. <i>Journal of Virology</i> , 2013 , 87, 7526-38	6.6	22
18	Anti-HIV-1 activity of elafin is more potent than its precursor, trappin-2, in genital epithelial cells. <i>Journal of Virology</i> , 2012 , 86, 4599-610	6.6	21
17	CD8+ T cell supernatants of HIV type 1-infected individuals have opposite effects on long terminal repeat-mediated transcription in T cells and monocytes. <i>AIDS Research and Human Retroviruses</i> , 1997 , 13, 71-7	1.6	21
16	Expression of Toll-like receptors in murine vaginal epithelium is affected by the estrous cycle and stromal cells. <i>Journal of Reproductive Immunology</i> , 2007 , 75, 106-19	4.2	20
15	Mucosal delivery of CpG oligodeoxynucleotides expands functional dendritic cells and macrophages in the vagina. <i>Immunology</i> , 2005 , 114, 213-24	7.8	19
14	Changes in the cytotoxic T-cell repertoire of HIV-1-infected individuals: relationship to disease progression. <i>Viral Immunology</i> , 1993 , 6, 85-95	1.7	17
13	T cell-derived suppressive activity: evidence of autocrine noncytolytic control of HIV type 1 transcription and replication. <i>AIDS Research and Human Retroviruses</i> , 1999 , 15, 1553-61	1.6	13
12	Soluble toll-like receptor 2 is significantly elevated in HIV-1 infected breast milk and inhibits HIV-1 induced cellular activation, inflammation and infection. <i>Aids</i> , 2014 , 28, 2023-32	3.5	11
11	Anti-HIV-1 activity of elafin depends on its nuclear localization and altered innate immune activation in female genital epithelial cells. <i>PLoS ONE</i> , 2012 , 7, e52738	3.7	11
10	Trappin-2/elafin modulate innate immune responses of human endometrial epithelial cells to Poly:I:C. <i>PLoS ONE</i> , 2012 , 7, e35866	3.7	10
9	Tweaking Innate Immunity: the Promise of Innate Immunologicals As Anti-infectives. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2006 , 17, 307-14	2.6	10
8	CD8+ T cell-mediated suppression of HIV long terminal repeat-driven gene expression is not associated with improved clinical status. <i>Aids</i> , 1997 , 11, 581-6	3.5	8
7	Expression profiling of human milk derived exosomal microRNAs and their targets in HIV-1 infected mothers. <i>Scientific Reports</i> , 2020 , 10, 12931	4.9	6
6	Production of CD8+ T cell nonlytic suppressive factors by CD28, CD38, and HLA-DR subpopulations. <i>AIDS Research and Human Retroviruses</i> , 2003 , 19, 497-502	1.6	5
5	Filling the Immunological Gap 2015 , 1291-1306		3
4	Identification of mutations in proviral long terminal repeats of HIV type 1-infected subjects naive to drug therapy. <i>AIDS Research and Human Retroviruses</i> , 2004 , 20, 1019-21	1.6	2
3	Soluble Toll-like Receptor 2 Is Significantly Elevated in HIV-1 Infected Breast Milk and Inhibits HIV-induced Cellular Activation and Infection. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, A237-A238 ¹⁶		

- 2 Activation of Toll-like Receptor 2 (TLR2) Heterodimers by HIV-1 Proteins Significantly Increases HIV Infection and Inflammation. *AIDS Research and Human Retroviruses*, **2014**, 30, A128-A129 1.6
- 1 Persistently HIV-1 seronegative Nairobi sex workers are susceptible to in vitro infection. *Canadian Journal of Infectious Diseases & Medical Microbiology*, **2000**, 11, 259-63