

# Scott F Sieg

## List of Publications by Year in Descending Order

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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.

83

papers

4,144

citations

32

h-index

63

g-index

117

ext. papers

4,692

ext. citations

6.6

avg. IF

4.79

L-index

#	Paper	IF	Citations
83	Human Defensin-3 is Associated With Platelet-Derived Extracellular Vesicles and is a Potential Contributor to Endothelial Dysfunction.. <i>Frontiers in Molecular Biosciences</i> , <b>2022</b> , 9, 824954	5.6	0
82	Novel Criteria for Diagnosing Acute and Early Human Immunodeficiency Virus Infection in a Multinational Study of Early Antiretroviral Therapy Initiation. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e643-e651	11.6	1
81	Probing the Interface of HIV and Inflammation. <i>Current HIV/AIDS Reports</i> , <b>2021</b> , 18, 198-210	5.9	3
80	CD8 CD73 T cells in the tumor microenvironment of head and neck cancer patients are linked to diminished T cell infiltration and activation in tumor tissue. <i>European Journal of Immunology</i> , <b>2020</b> , 50, 2055-2066	6.1	1
79	Cytomegalovirus Coinfection Is Associated with Increased Vascular-Homing CD57 CD4 T Cells in HIV Infection. <i>Journal of Immunology</i> , <b>2020</b> , 204, 2722-2733	5.3	10
78	Inflammasome CX3CR1+CD57+CD8+ T cells are generated and expanded by IL-15. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	11
77	Highly oxidized low-density lipoprotein mediates activation of monocytes but does not confer interleukin-1 $\beta$ secretion nor interleukin-15 transpresentation function. <i>Immunology</i> , <b>2020</b> , 159, 221-230	7.8	2
76	Macrophage maturation from blood monocytes is altered in people with HIV, and is linked to serum lipid profiles and activation indices: A model for studying atherogenic mechanisms. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008869	7.6	10
75	CX3CL1 and IL-15 Promote CD8 T cell chemoattraction in HIV and in atherosclerosis. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008885	7.6	8
74	Endosomal toll-like receptors play a key role in activation of primary human monocytes by cowpea mosaic virus. <i>Immunology</i> , <b>2020</b> , 159, 183-192	7.8	15
73	CD8+ T-Cell-Derived Tumor Necrosis Factor Can Induce Tissue Factor Expression on Monocytes. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 220, 73-77	7	9
72	Altered Lipidome Composition Is Related to Markers of Monocyte and Immune Activation in Antiretroviral Therapy Treated Human Immunodeficiency Virus (HIV) Infection and in Uninfected Persons. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 785	8.4	18
71	Pre-vaccine plasma levels of soluble inflammatory indices negatively predict responses to HAV, HBV, and tetanus vaccines in HCV and HIV infection. <i>Vaccine</i> , <b>2018</b> , 36, 453-460	4.1	12
70	Cycling CD4+ T cells in HIV-infected immune nonresponders have mitochondrial dysfunction. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 5083-5094	15.9	35
69	Exosomes derived from HIV-1-infected cells promote growth and progression of cancer via HIV TAR RNA. <i>Nature Communications</i> , <b>2018</b> , 9, 4585	17.4	43
68	CD56 NK IL-7R $\alpha$ expression negatively associates with HCV level, and IL-7-induced NK function is impaired during HCV and HIV infections. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 102, 171-184	6.5	12
67	TGF- $\beta$ inhibits IL-7-induced proliferation in memory but not naive human CD4 T cells. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 102, 499-506	6.5	10

66	Prospective Analysis of Lipid Composition Changes with Antiretroviral Therapy and Immune Activation in Persons Living with HIV. <i>Pathogens and Immunity</i> , <b>2017</b> , 2, 376-403	4.9	19
65	CD8 T-Cell Expansion and Inflammation Linked to CMV Coinfection in ART-treated HIV Infection. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 62, 392-6	11.6	84
64	Persistent Inflammation in Treated HIV Disease. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214 Suppl 2, S43	7	2
63	Inflammation Perturbs the IL-7 Axis, Promoting Senescence and Exhaustion that Broadly Characterize Immune Failure in Treated HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2016</b> , 71, 483-92	3.1	35
62	Proteome and Protein Network Analyses of Memory T Cells Find Altered Translation and Cell Stress Signaling in Treated Human Immunodeficiency Virus Patients Exhibiting Poor CD4 Recovery. <i>Open Forum Infectious Diseases</i> , <b>2016</b> , 3, ofw037	1	8
61	Reply to Barrett, et al. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 62, 1468-9	11.6	1
60	SIV/SHIV Infection Triggers Vascular Inflammation, Diminished Expression of Kröppel-like Factor 2 and Endothelial Dysfunction. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 213, 1419-27	7	16
59	IL-15 promotes activation and expansion of CD8+ T cells in HIV-1 infection. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 2745-56	15.9	57
58	Responsiveness to IL-7 but not to IFN-γs diminished in CD4+ T cells from treated HIV infected patients who experience poor CD4+ T-cell recovery. <i>Aids</i> , <b>2016</b> , 30, 2033-42	3.5	13
57	Altered Monocyte and Endothelial Cell Adhesion Molecule Expression Is Linked to Vascular Inflammation in Human Immunodeficiency Virus Infection. <i>Open Forum Infectious Diseases</i> , <b>2016</b> , 3, ofw224	1	23
56	Inflammatory Function of CX3CR1+ CD8+ T Cells in Treated HIV Infection Is Modulated by Platelet Interactions. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 1808-1816	7	24
55	Interferon-γinhibits CD4 T cell responses to interleukin-7 and interleukin-2 and selectively interferes with Akt signaling. <i>Journal of Leukocyte Biology</i> , <b>2015</b> , 97, 1139-46	6.5	12
54	Recycled IL-7 Can Be Delivered to Neighboring T Cells. <i>Journal of Immunology</i> , <b>2015</b> , 194, 4698-704	5.3	4
53	Human βDefensin-3 Increases CD86 Expression on Monocytes by Activating the ATP-Gated Channel P2X7. <i>Journal of Immunology</i> , <b>2015</b> , 195, 4438-45	5.3	14
52	Oxidized LDL Levels Are Increased in HIV Infection and May Drive Monocyte Activation. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2015</b> , 69, 154-60	3.1	65
51	Altered Monocyte Phenotype in HIV-1 Infection Tends to Normalize with Integrase-Inhibitor-Based Antiretroviral Therapy. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139474	3.7	20
50	Inflammatory cytokines drive CD4+ T-cell cycling and impaired responsiveness to interleukin 7: implications for immune failure in HIV disease. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 210, 619-29	7	62
49	Cycling memory CD4+ T cells in HIV disease have a diverse T cell receptor repertoire and a phenotype consistent with bystander activation. <i>Journal of Virology</i> , <b>2014</b> , 88, 5369-80	6.6	21

48	Cytomegalovirus-specific responses of CD38+ memory T cells are skewed towards IFN- $\gamma$ and dissociated from CD154 in HIV-1 infection. <i>Aids</i> , <b>2014</b> , 28, 311-6	3.5	6
47	Plasmacytoid dendritic cells mediate synergistic effects of HIV and lipopolysaccharide on CD27+ IgD- memory B cell apoptosis. <i>Journal of Virology</i> , <b>2014</b> , 88, 11430-41	6.6	13
46	Human $\delta$ -defensin-3 induces chemokines from monocytes and macrophages: diminished activity in cells from HIV-infected persons. <i>Immunology</i> , <b>2013</b> , 140, 413-20	7.8	25
45	Using glycosaminoglycan/chemokine interactions for the long-term delivery of 5P12-RANTES in HIV prevention. <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 3564-73	5.6	14
44	Impaired T-cell responses to sphingosine-1-phosphate in HIV-1 infected lymph nodes. <i>Blood</i> , <b>2013</b> , 121, 2914-22	2.2	29
43	Interferon- $\beta$ is the primary plasma type-I IFN in HIV-1 infection and correlates with immune activation and disease markers. <i>PLoS ONE</i> , <b>2013</b> , 8, e56527	3.7	114
42	Decreased IL-7 responsiveness is related to oxidative stress in HIV disease. <i>PLoS ONE</i> , <b>2013</b> , 8, e58764	3.7	24
41	Neonatal T-cell maturation and homing receptor responses to Toll-like receptor ligands differ from those of adult naive T cells: relationship to prematurity. <i>Pediatric Research</i> , <b>2012</b> , 71, 136-43	3.2	25
40	Diminished responsiveness to human $\delta$ -defensin-3 and decreased TLR1 expression on monocytes and mDCs from HIV-1-infected patients. <i>Journal of Leukocyte Biology</i> , <b>2012</b> , 92, 1103-9	6.5	7
39	Microparticle delivery of Interleukin-7 to boost T-cell proliferation and survival. <i>Biotechnology and Bioengineering</i> , <b>2012</b> , 109, 1835-43	4.9	4
38	The yin and yang of human Beta-defensins in health and disease. <i>Frontiers in Immunology</i> , <b>2012</b> , 3, 294	8.4	46
37	Interleukin-7 biology in HIV disease and the path to immune reconstitution. <i>Current HIV Research</i> , <b>2012</b> , 10, 341-7	1.3	5
36	Membrane damage and repair in primary monocytes exposed to human $\delta$ -defensin-3. <i>Journal of Leukocyte Biology</i> , <b>2012</b> , 92, 1083-91	6.5	19
35	Interferon-alpha administration enhances CD8+ T cell activation in HIV infection. <i>PLoS ONE</i> , <b>2012</b> , 7, e30396	3.96	37
34	The Toll-like receptor 1/2 agonists Pam(3) CSK(4) and human $\delta$ -defensin-3 differentially induce interleukin-10 and nuclear factor- $\kappa$ B signalling patterns in human monocytes. <i>Immunology</i> , <b>2011</b> , 134, 151-60	7.8	56
33	Frequencies of FoxP3+ naive T cells are related to both viral load and naive T cell proliferation responses in HIV disease. <i>Journal of Leukocyte Biology</i> , <b>2011</b> , 90, 621-8	6.5	3
32	Presentation of soluble antigens to CD8+ T cells by CpG oligodeoxynucleotide-primed human naive B cells. <i>Journal of Immunology</i> , <b>2011</b> , 186, 2080-6	5.3	26
31	Reduced naive CD4 T cell numbers and impaired induction of CD27 in response to T cell receptor stimulation reflect a state of immune activation in chronic hepatitis C virus infection. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 203, 635-45	7	43

30	Immunologic failure despite suppressive antiretroviral therapy is related to activation and turnover of memory CD4 cells. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 204, 1217-26	7	228
29	Perforin expression directly ex vivo by HIV-specific CD8 T-cells is a correlate of HIV elite control. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000917	7.6	246
28	Dissociation of CD154 and cytokine expression patterns in CD38+ CD4+ memory T cells in chronic HIV-1 infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2010</b> , 55, 439-45	3.1	8
27	Increased tissue factor expression on circulating monocytes in chronic HIV infection: relationship to in vivo coagulation and immune activation. <i>Blood</i> , <b>2010</b> , 115, 161-7	2.2	195
26	In vitro naïve T cell proliferation failure predicts poor post-immunization responses to neoantigen, but not recall antigens, in HIV-infection. <i>Clinical Immunology</i> , <b>2010</b> , 136, 400-8	9	6
25	Plasma levels of bacterial DNA correlate with immune activation and the magnitude of immune restoration in persons with antiretroviral-treated HIV infection. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 199, 1177-85	7	465
24	Interleukin-7 receptor signaling is deficient in CD4+ T cells from HIV-infected persons and is inversely associated with aging. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 199, 1019-28	7	43
23	Desensitization to type I interferon in HIV-1 infection correlates with markers of immune activation and disease progression. <i>Blood</i> , <b>2009</b> , 113, 5497-505	2.2	40
22	Impaired naïve and memory B-cell responsiveness to TLR9 stimulation in human immunodeficiency virus infection. <i>Journal of Virology</i> , <b>2008</b> , 82, 7837-45	6.6	34
21	S-phase entry leads to cell death in circulating T cells from HIV-infected persons. <i>Journal of Leukocyte Biology</i> , <b>2008</b> , 83, 1382-7	6.5	17
20	Toll-like receptor ligands induce human T cell activation and death, a model for HIV pathogenesis. <i>PLoS ONE</i> , <b>2008</b> , 3, e1915	3.7	109
19	TLR9 stimulation drives naïve B cells to proliferate and to attain enhanced antigen presenting function. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 2205-13	6.1	115
18	Impaired induction of CD27 and CD28 predicts naïve CD4 T cell proliferation defects in HIV disease. <i>Journal of Immunology</i> , <b>2007</b> , 179, 3543-9	5.3	23
17	Human $\alpha$ -defensin-3 activates professional antigen-presenting cells via Toll-like receptors 1 and 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 18631-5	11.5	280
16	Interleukin-7 enhances proliferation responses to T-cell receptor stimulation in naïve CD4+ T cells from human immunodeficiency virus-infected persons. <i>Journal of Virology</i> , <b>2007</b> , 81, 12670-4	6.6	15
15	Abnormal activation and cytokine spectra in lymph nodes of people chronically infected with HIV-1. <i>Blood</i> , <b>2007</b> , 109, 4272-9	2.2	166
14	Monitoring clinical trials of therapeutic vaccines in HIV infection: role of treatment interruption. <i>Current Opinion in HIV and AIDS</i> , <b>2007</b> , 2, 56-61	4.2	8
13	Interferon-alpha differentially rescues CD4 and CD8 T cells from apoptosis in HIV infection. <i>Aids</i> , <b>2006</b> , 20, 1379-89	3.5	31

12	Predictive value of plasma HIV RNA level on rate of CD4 T-cell decline in untreated HIV infection. <i>JAMA - Journal of the American Medical Association</i> , <b>2006</b> , 296, 1498-506	27.4	241
11	Cyclosporin A provides no sustained immunologic benefit to persons with chronic HIV-1 infection starting suppressive antiretroviral therapy: results of a randomized, controlled trial of the AIDS Clinical Trials Group A5138. <i>Journal of Infectious Diseases</i> , <b>2006</b> , 194, 1677-85	7	34
10	Impaired monocyte maturation in response to CpG oligodeoxynucleotide is related to viral RNA levels in human immunodeficiency virus disease and is at least partially mediated by deficiencies in alpha/beta interferon responsiveness and production. <i>Journal of Virology</i> , <b>2005</b> , 79, 4109-19	6.6	34
9	Peripheral S-phase T cells in HIV disease have a central memory phenotype and rarely have evidence of recent T cell receptor engagement. <i>Journal of Infectious Diseases</i> , <b>2005</b> , 192, 62-70	7	37
8	Human epithelial beta-defensins 2 and 3 inhibit HIV-1 replication. <i>Aids</i> , <b>2003</b> , 17, F39-48	3.5	328
7	Impaired TCR-mediated induction of Ki67 by naive CD4+ T cells is only occasionally corrected by exogenous IL-2 in HIV-1 infection. <i>Journal of Immunology</i> , <b>2003</b> , 171, 5208-14	5.3	17
6	Close link between CD4+ and CD8+ T cell proliferation defects in patients with human immunodeficiency virus disease and relationship to extended periods of CD4+ lymphopenia. <i>Journal of Infectious Diseases</i> , <b>2002</b> , 185, 1401-16	7	39
5	Differential expression of interleukin-2 and gamma interferon in human immunodeficiency virus disease. <i>Journal of Virology</i> , <b>2001</b> , 75, 9983-5	6.6	43
4	HIV-1 infection impairs cell cycle progression of CD4+ T cells without affecting early activation responses. <i>Journal of Clinical Investigation</i> , <b>2001</b> , 108, 757-764	15.9	48
3	Preferential S phase entry and apoptosis of CD4(+) T lymphocytes of HIV-1-infected patients after in vitro cultivation. <i>Clinical Immunology</i> , <b>2000</b> , 97, 241-7	9	12
2	Differential activity of soluble versus cellular Fas ligand: regulation by an accessory molecule. <i>Cellular Immunology</i> , <b>1999</b> , 195, 89-95	4.4	29
1	Role of the Fas/Fas ligand apoptotic pathway in human immunodeficiency virus type 1 disease. <i>Journal of Virology</i> , <b>1998</b> , 72, 6279-82	6.6	70