Joern E Schmitz

List of Publications by Year
in descending order

48	3,074	186265	206112
papers	citations	28 h-index	48 g-index

48	48	48	4147
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preserved CD4+ Central Memory T Cells and Survival in Vaccinated SIV-Challenged Monkeys. Science, 2006, 312, 1530-1533.	12.6	343
2	Barriers to a cure for HIV: new ways to target and eradicate HIV-1 reservoirs. Lancet, The, 2013, 381, 2109-2117.	13.7	275
3	Pathogenic Simian Immunodeficiency Virus Infection Is Associated with Expansion of the Enteric Virome. Cell, 2012, 151, 253-266.	28.9	252
4	Toward an AIDS vaccine: lessons from natural simian immunodeficiency virus infections of African nonhuman primate hosts. Nature Medicine, 2009, 15, 861-865.	30.7	204
5	CD8 + Lymphocytes Are Required for Maintaining Viral Suppression in SIV-Infected Macaques Treated with Short-Term Antiretroviral Therapy. Immunity, 2016, 45, 656-668.	14.3	178
6	CD8+ Lymphocytes Control Viral Replication in SIVmac239-Infected Rhesus Macaques without Decreasing the Lifespan of Productively Infected Cells. PLoS Pathogens, 2010, 6, e1000747.	4.7	146
7	Human Non-neutralizing HIV-1 Envelope Monoclonal Antibodies Limit the Number of Founder Viruses during SHIV Mucosal Infection in Rhesus Macaques. PLoS Pathogens, 2015, 11, e1005042.	4.7	145
8	Polyclonal B Cell Differentiation and Loss of Gastrointestinal Tract Germinal Centers in the Earliest Stages of HIV-1 Infection. PLoS Medicine, 2009, 6, e1000107.	8.4	143
9	Adenovirus-specific immunity after immunization with an Ad5 HIV-1 vaccine candidate in humans. Nature Medicine, 2009, 15, 873-875.	30.7	131
10	The genome of the vervet (Chlorocebus aethiops sabaeus). Genome Research, 2015, 25, 1921-1933.	5.5	114
11	A Nonfucosylated Variant of the anti-HIV-1 Monoclonal Antibody b12 Has Enhanced FcÎ³RIIIa-Mediated Antiviral Activity In Vitro but Does Not Improve Protection against Mucosal SHIV Challenge in Macaques. Journal of Virology, 2012, 86, 6189-6196.	3.4	110
12	Profound CD4+/CCR5+ T cell expansion is induced by CD8+ lymphocyte depletion but does not account for accelerated SIV pathogenesis. Journal of Experimental Medicine, 2009, 206, 1575-1588.	8.5	77
13	Comparison of Simian Immunodeficiency Virus SIVagmVer Replication and CD4 + T-Cell Dynamics in Vervet and Sabaeus African Green Monkeys. Journal of Virology, 2006, 80, 4868-4877.	3.4	76
14	Differential Impact of In Vivo CD8 ⁺ T Lymphocyte Depletion in Controller versus Progressor Simian Immunodeficiency Virus-Infected Macaques. Journal of Virology, 2015, 89, 8677-8686.	3.4	58
15	Virus-Specific Cellular Immune Correlates of Survival in Vaccinated Monkeys after Simian Immunodeficiency Virus Challenge. Journal of Virology, 2006, 80, 10950-10956.	3.4	53
16	Survival of the Fittest: Positive Selection of CD4+ T Cells Expressing a Membrane-Bound Fusion Inhibitor Following HIV-1 Infection. PLoS ONE, 2010, 5, e12357.	2.5	45
17	IgG Binding Characteristics of Rhesus Macaque FcÎ³R. Journal of Immunology, 2016, 197, 2936-2947.	0.8	43
18	Magnitude and Quality of Vaccine-Elicited T-Cell Responses in the Control of Immunodeficiency Virus Replication in Rhesus Monkeys. Journal of Virology, 2008, 82, 8812-8819.	3.4	38

#	Article	IF	Citations
19	Inhibition of Adaptive Immune Responses Leads to a Fatal Clinical Outcome in SIV-Infected Pigtailed Macaques but Not Vervet African Green Monkeys. PLoS Pathogens, 2009, 5, e1000691.	4.7	38
20	Efficient entry inhibition of human and nonhuman primate immunodeficiency virus by cell surface-expressed gp41-derived peptides. Gene Therapy, 2008, 15, 1210-1222.	4.5	35
21	Inhibitory Effect of Individual or Combinations of Broadly Neutralizing Antibodies and Antiviral Reagents against Cell-Free and Cell-to-Cell HIV-1 Transmission. Journal of Virology, 2015, 89, 7813-7828.	3.4	35
22	Immunodomination in the Evolution of Dominant Epitope-Specific CD8+T Lymphocyte Responses in Simian Immunodeficiency Virus-Infected Rhesus Monkeys. Journal of Immunology, 2006, 176, 319-328.	0.8	34
23	Preservation of Functional Virus-Specific Memory CD8+ T Lymphocytes in Vaccinated, Simian Human Immunodeficiency Virus-Infected Rhesus Monkeys. Journal of Immunology, 2006, 176, 5338-5345.	0.8	34
24	Increased Loss of CCR5⁺CD45RA^{â^'}CD4⁺T Cells in CD8⁺Lymphocyte-Depleted Simian Immunodeficiency Virus-Infected Rhesus Monkeys. Journal of Virology, 2008, 82, 5618-5630.	3.4	33
25	Optimization and qualification of an 8-color intracellular cytokine staining assay for quantifying T cell responses in rhesus macaques for pre-clinical vaccine studies. Journal of Immunological Methods, 2012, 386, 10-21.	1.4	33
26	Simian Immunodeficiency Virus (SIV)-Specific CD8⁺T-Cell Responses in Vervet African Green Monkeys Chronically Infected with SIVagm. Journal of Virology, 2008, 82, 11577-11588.	3.4	32
27	Biophysical and Functional Characterization of Rhesus Macaque IgG Subclasses. Frontiers in Immunology, 2016, 7, 589.	4.8	32
28	A Rationally Engineered Anti-HIV Peptide Fusion Inhibitor with Greatly Reduced Immunogenicity. Antimicrobial Agents and Chemotherapy, 2013, 57, 679-688.	3.2	31
29	Contribution of T-Cell Receptor Repertoire Breadth to the Dominance of Epitope-Specific CD8 + T-Lymphocyte Responses. Journal of Virology, 2006, 80, 12032-12040.	3.4	28
30	Dysfunction of Simian Immunodeficiency Virus/Simian Human Immunodeficiency Virus-Induced IL-2 Expression by Central Memory CD4+ T Lymphocytes. Journal of Immunology, 2005, 174, 4753-4760.	0.8	27
31	Immunopathogenesis of simian immunodeficiency virus infection in nonhuman primates. Current Opinion in HIV and AIDS, 2013, 8, 1.	3.8	27
32	Suppression of adaptive immune responses during primary SIV infection of sabaeus African green monkeys delays partial containment of viremia but does not induce disease. Blood, 2010, 115, 3070-3078.	1.4	26
33	Improving Mycobacterium bovis Bacillus Calmette-GuÃ¨rin as a Vaccine Delivery Vector for Viral Antigens by Incorporation of Glycolipid Activators of NKT Cells. PLoS ONE, 2014, 9, e108383.	2.5	24
34	Magnitude and Quality of Cytokine and Chemokine Storm during Acute Infection Distinguish Nonprogressive and Progressive Simian Immunodeficiency Virus Infections of Nonhuman Primates. Journal of Virology, 2016, 90, 10339-10350.	3.4	24
35	Contribution of CD8⁺T Cells to Containment of Viral Replication and Emergence of Mutations inMamu-A*01-Restricted Epitopes in Simian Immunodeficiency Virus-Infected Rhesus Monkeys. Journal of Virology, 2008, 82, 5631-5635.	3.4	19
36	The role of Fc receptors in HIV infection and vaccine efficacy. Current Opinion in HIV and AIDS, 2014, 9, 257-262.	3.8	19

#	Article	IF	Citations
37	High Cell-Free Virus Load and Robust Autologous Humoral Immune Responses in Breast Milk of Simian Immunodeficiency Virus-Infected African Green Monkeys. Journal of Virology, 2011, 85, 9517-9526.	3.4	17
38	KIR2DL4Copy Number Variation Is Associated with CD4⁺T-Cell Depletion and Function of Cytokine-Producing NK Cell Subsets in SIV-InfectedMamu-A*01-Negative Rhesus Macaques. Journal of Virology, 2013, 87, 5305-5310.	3.4	17
39	Stable Expression of Lentiviral Antigens by Quality-Controlled Recombinant Mycobacterium bovis BCG Vectors. Vaccine Journal, 2015, 22, 726-741.	3.1	16
40	HIV replication in conjunction with granzyme B production by CCR5+ memory CD4 T cells: Implications for bystander cell and tissue pathologies. Virology, 2014, 462-463, 175-188.	2.4	14
41	Gene Deletions in Mycobacterium bovis BCG Stimulate Increased CD8⁺T Cell Responses. Infection and Immunity, 2014, 82, 5317-5326.	2.2	13
42	Memory CD4+ T Lymphocytes in the Gastrointestinal Tract Are a Major Source of Cell-Associated Simian Immunodeficiency Virus in Chronic Nonpathogenic Infection of African Green Monkeys. Journal of Virology, 2012, 86, 11380-11385.	3.4	9
43	Expansion after Epitope Peptide Exposurein VitroPredicts Cytotoxic T Lymphocyte Epitope Dominance Hierarchy in Lymphocytes of Vaccinated Mamu-A*01+Rhesus Monkeys. AIDS Research and Human Retroviruses, 2006, 22, 445-452.	1.1	8
44	Increased inherent intestinal granzyme B expression may be associated with SIV pathogenesis in Asian non-human primates. Journal of Medical Primatology, 2011, 40, 414-426.	0.6	6
45	Transient Compartmentalization of Simian Immunodeficiency Virus Variants in the Breast Milk of African Green Monkeys. Journal of Virology, 2013, 87, 11292-11299.	3.4	6
46	Activating KIR Copy Number Variation Is Associated with Granzyme B Release by NK Cells during Primary Simian Immunodeficiency Virus Infection in Rhesus Monkeys. Journal of Virology, 2012, 86, 13103-13107.	3.4	4
47	Anti-Gamma Interferon Antibodies Enhance the Immunogenicity of Recombinant Adenovirus Vectors. Vaccine Journal, 2011, 18, 1969-1978.	3.1	1
48	Characterization of new anti-IL-6 antibodies revealed high potency candidates for intracellular cytokine detection and specific targeting of IL-6 receptor binding sites. European Cytokine Network, 2018, 29, 59-72.	2.0	1