

Joern E Schmitz

List of Publications by Year in descending order

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48
papers

3,074
citations

186265

28
h-index

206112

48
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48
all docs

48
docs citations

48
times ranked

4147
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of new anti-IL-6 antibodies revealed high potency candidates for intracellular cytokine detection and specific targeting of IL-6 receptor binding sites. <i>European Cytokine Network</i> , 2018, 29, 59-72.	2.0	1
2	Biophysical and Functional Characterization of Rhesus Macaque IgG Subclasses. <i>Frontiers in Immunology</i> , 2016, 7, 589.	4.8	32
3	IgG Binding Characteristics of Rhesus Macaque Fc γ R. <i>Journal of Immunology</i> , 2016, 197, 2936-2947.	0.8	43
4	Magnitude and Quality of Cytokine and Chemokine Storm during Acute Infection Distinguish Nonprogressive and Progressive Simian Immunodeficiency Virus Infections of Nonhuman Primates. <i>Journal of Virology</i> , 2016, 90, 10339-10350.	3.4	24
5	CD8 + Lymphocytes Are Required for Maintaining Viral Suppression in SIV-Infected Macaques Treated with Short-Term Antiretroviral Therapy. <i>Immunity</i> , 2016, 45, 656-668.	14.3	178
6	Human Non-neutralizing HIV-1 Envelope Monoclonal Antibodies Limit the Number of Founder Viruses during SHIV Mucosal Infection in Rhesus Macaques. <i>PLoS Pathogens</i> , 2015, 11, e1005042.	4.7	145
7	Inhibitory Effect of Individual or Combinations of Broadly Neutralizing Antibodies and Antiviral Reagents against Cell-Free and Cell-to-Cell HIV-1 Transmission. <i>Journal of Virology</i> , 2015, 89, 7813-7828.	3.4	35
8	Differential Impact of <i>In Vivo</i> CD8 ⁺ T Lymphocyte Depletion in Controller versus Progressor Simian Immunodeficiency Virus-Infected Macaques. <i>Journal of Virology</i> , 2015, 89, 8677-8686.	3.4	58
9	Stable Expression of Lentiviral Antigens by Quality-Controlled Recombinant <i>Mycobacterium bovis</i> BCG Vectors. <i>Vaccine Journal</i> , 2015, 22, 726-741.	3.1	16
10	The genome of the vervet (<i>Chlorocebus aethiops sabaeus</i>). <i>Genome Research</i> , 2015, 25, 1921-1933.	5.5	114
11	Improving <i>Mycobacterium bovis</i> Bacillus Calmette-Guérin as a Vaccine Delivery Vector for Viral Antigens by Incorporation of Glycolipid Activators of NKT Cells. <i>PLoS ONE</i> , 2014, 9, e108383.	2.5	24
12	The role of Fc receptors in HIV infection and vaccine efficacy. <i>Current Opinion in HIV and AIDS</i> , 2014, 9, 257-262.	3.8	19
13	Gene Deletions in <i>Mycobacterium bovis</i> BCG Stimulate Increased CD8 ⁺ T Cell Responses. <i>Infection and Immunity</i> , 2014, 82, 5317-5326.	2.2	13
14	HIV replication in conjunction with granzyme B production by CCR5 ⁺ memory CD4 T cells: Implications for bystander cell and tissue pathologies. <i>Virology</i> , 2014, 462-463, 175-188.	2.4	14
15	A Rationally Engineered Anti-HIV Peptide Fusion Inhibitor with Greatly Reduced Immunogenicity. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 679-688.	3.2	31
16	Barriers to a cure for HIV: new ways to target and eradicate HIV-1 reservoirs. <i>Lancet, The</i> , 2013, 381, 2109-2117.	18.7	275
17	<i>KIR2DL4</i> Copy Number Variation Is Associated with CD4 ⁺ T-Cell Depletion and Function of Cytokine-Producing NK Cell Subsets in SIV-Infected <i>Mamu-A*</i> ⁰¹ -Negative Rhesus Macaques. <i>Journal of Virology</i> , 2013, 87, 5305-5310.	3.4	17
18	Immunopathogenesis of simian immunodeficiency virus infection in nonhuman primates. <i>Current Opinion in HIV and AIDS</i> , 2013, 8, 1.	3.8	27

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19	Transient Compartmentalization of Simian Immunodeficiency Virus Variants in the Breast Milk of African Green Monkeys. <i>Journal of Virology</i> , 2013, 87, 11292-11299.	3.4	6
20	Activating KIR Copy Number Variation Is Associated with Granzyme B Release by NK Cells during Primary Simian Immunodeficiency Virus Infection in Rhesus Monkeys. <i>Journal of Virology</i> , 2012, 86, 13103-13107.	3.4	4
21	A Nonfucosylated Variant of the anti-HIV-1 Monoclonal Antibody b12 Has Enhanced Fc γ 3RIIIa-Mediated Antiviral Activity <i>in Vitro</i> but Does Not Improve Protection against Mucosal SHIV Challenge in Macaques. <i>Journal of Virology</i> , 2012, 86, 6189-6196.	3.4	110
22	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. <i>Journal of Virology</i> , 2012, 86, 11380-11385.	3.4	9
23	Pathogenic Simian Immunodeficiency Virus Infection Is Associated with Expansion of the Enteric Virome. <i>Cell</i> , 2012, 151, 253-266.	28.9	252
24	Optimization and qualification of an 8-color intracellular cytokine staining assay for quantifying T cell responses in rhesus macaques for pre-clinical vaccine studies. <i>Journal of Immunological Methods</i> , 2012, 386, 10-21.	1.4	33
25	Increased inherent intestinal granzyme B expression may be associated with SIV pathogenesis in Asian non-human primates. <i>Journal of Medical Primatology</i> , 2011, 40, 414-426.	0.6	6
26	High Cell-Free Virus Load and Robust Autologous Humoral Immune Responses in Breast Milk of Simian Immunodeficiency Virus-Infected African Green Monkeys. <i>Journal of Virology</i> , 2011, 85, 9517-9526.	3.4	17
27	Anti-Gamma Interferon Antibodies Enhance the Immunogenicity of Recombinant Adenovirus Vectors. <i>Vaccine Journal</i> , 2011, 18, 1969-1978.	3.1	1
28	Suppression of adaptive immune responses during primary SIV infection of sabaeus African green monkeys delays partial containment of viremia but does not induce disease. <i>Blood</i> , 2010, 115, 3070-3078.	1.4	26
29	CD8+ Lymphocytes Control Viral Replication in SIVmac239-Infected Rhesus Macaques without Decreasing the Lifespan of Productively Infected Cells. <i>PLoS Pathogens</i> , 2010, 6, e1000747.	4.7	146
30	Survival of the Fittest: Positive Selection of CD4+ T Cells Expressing a Membrane-Bound Fusion Inhibitor Following HIV-1 Infection. <i>PLoS ONE</i> , 2010, 5, e12357.	2.5	45
31	Profound CD4+/CCR5+ T cell expansion is induced by CD8+ lymphocyte depletion but does not account for accelerated SIV pathogenesis. <i>Journal of Experimental Medicine</i> , 2009, 206, 1575-1588.	8.5	77
32	Polyclonal B Cell Differentiation and Loss of Gastrointestinal Tract Germinal Centers in the Earliest Stages of HIV-1 Infection. <i>PLoS Medicine</i> , 2009, 6, e1000107.	8.4	143
33	Inhibition of Adaptive Immune Responses Leads to a Fatal Clinical Outcome in SIV-Infected Pigtailed Macaques but Not Vervet African Green Monkeys. <i>PLoS Pathogens</i> , 2009, 5, e1000691.	4.7	38
34	Adenovirus-specific immunity after immunization with an Ad5 HIV-1 vaccine candidate in humans. <i>Nature Medicine</i> , 2009, 15, 873-875.	30.7	131
35	Toward an AIDS vaccine: lessons from natural simian immunodeficiency virus infections of African nonhuman primate hosts. <i>Nature Medicine</i> , 2009, 15, 861-865.	30.7	204
36	Efficient entry inhibition of human and nonhuman primate immunodeficiency virus by cell surface-expressed gp41-derived peptides. <i>Gene Therapy</i> , 2008, 15, 1210-1222.	4.5	35

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37	Magnitude and Quality of Vaccine-Elicited T-Cell Responses in the Control of Immunodeficiency Virus Replication in Rhesus Monkeys. <i>Journal of Virology</i> , 2008, 82, 8812-8819.	3.4	38
38	Contribution of CD8 ⁺ T Cells to Containment of Viral Replication and Emergence of Mutations in Mamu-A*01-Restricted Epitopes in Simian Immunodeficiency Virus-Infected Rhesus Monkeys. <i>Journal of Virology</i> , 2008, 82, 5631-5635.	3.4	19
39	Simian Immunodeficiency Virus (SIV)-Specific CD8 ⁺ T-Cell Responses in Vervet African Green Monkeys Chronically Infected with SIVagm. <i>Journal of Virology</i> , 2008, 82, 11577-11588.	3.4	32
40	Increased Loss of CCR5 ⁺ CD45RA ^{hi} CD4 ⁺ T Cells in CD8 ⁺ Lymphocyte-Depleted Simian Immunodeficiency Virus-Infected Rhesus Monkeys. <i>Journal of Virology</i> , 2008, 82, 5618-5630.	3.4	33
41	Immunodomination in the Evolution of Dominant Epitope-Specific CD8 ⁺ T Lymphocyte Responses in Simian Immunodeficiency Virus-Infected Rhesus Monkeys. <i>Journal of Immunology</i> , 2006, 176, 319-328.	0.8	34
42	Contribution of T-Cell Receptor Repertoire Breadth to the Dominance of Epitope-Specific CD8 ⁺ T-Lymphocyte Responses. <i>Journal of Virology</i> , 2006, 80, 12032-12040.	3.4	28
43	Comparison of Simian Immunodeficiency Virus SIVagmVer Replication and CD4 ⁺ T-Cell Dynamics in Vervet and Sabaeus African Green Monkeys. <i>Journal of Virology</i> , 2006, 80, 4868-4877.	3.4	76
44	Preserved CD4 ⁺ Central Memory T Cells and Survival in Vaccinated SIV-Challenged Monkeys. <i>Science</i> , 2006, 312, 1530-1533.	12.6	343
45	Expansion after Epitope Peptide Exposure in Vitro Predicts Cytotoxic T Lymphocyte Epitope Dominance Hierarchy in Lymphocytes of Vaccinated Mamu-A*01-Rhesus Monkeys. <i>AIDS Research and Human Retroviruses</i> , 2006, 22, 445-452.	1.1	8
46	Virus-Specific Cellular Immune Correlates of Survival in Vaccinated Monkeys after Simian Immunodeficiency Virus Challenge. <i>Journal of Virology</i> , 2006, 80, 10950-10956.	3.4	53
47	Preservation of Functional Virus-Specific Memory CD8 ⁺ T Lymphocytes in Vaccinated, Simian Human Immunodeficiency Virus-Infected Rhesus Monkeys. <i>Journal of Immunology</i> , 2006, 176, 5338-5345.	0.8	34
48	Dysfunction of Simian Immunodeficiency Virus/Simian Human Immunodeficiency Virus-Induced IL-2 Expression by Central Memory CD4 ⁺ T Lymphocytes. <i>Journal of Immunology</i> , 2005, 174, 4753-4760.	0.8	27