

# Shelby L O connor

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7268458/shelby-l-oconnor-publications-by-citations.pdf>

**Version:** 2023-10-04

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65  
papers

1,740  
citations

21  
h-index

41  
g-index

78  
ext. papers

2,190  
ext. citations

6.7  
avg, IF

3.89  
L-index

#	Paper	IF	Citations
65	A rhesus macaque model of Asian-lineage Zika virus infection. <i>Nature Communications</i> , <b>2016</b> , 7, 12204	17.4	289
64	Highly efficient maternal-fetal Zika virus transmission in pregnant rhesus macaques. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006378	7.6	142
63	Simian immunodeficiency virus SIVmac239 infection of major histocompatibility complex-identical cynomolgus macaques from Mauritius. <i>Journal of Virology</i> , <b>2007</b> , 81, 349-61	6.6	140
62	Comprehensive characterization of MHC class II haplotypes in Mauritian cynomolgus macaques. <i>Immunogenetics</i> , <b>2007</b> , 59, 449-62	3.2	107
61	Heterologous Protection against Asian Zika Virus Challenge in Rhesus Macaques. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0005168	4.8	98
60	Quantitation of Productively Infected Monocytes and Macrophages of Simian Immunodeficiency Virus-Infected Macaques. <i>Journal of Virology</i> , <b>2016</b> , 90, 5643-5656	6.6	72
59	MHC heterozygote advantage in simian immunodeficiency virus-infected Mauritian cynomolgus macaques. <i>Science Translational Medicine</i> , <b>2010</b> , 2, 22ra18	17.5	68
58	Mauritian cynomolgus macaques share two exceptionally common major histocompatibility complex class I alleles that restrict simian immunodeficiency virus-specific CD8+ T cells. <i>Journal of Virology</i> , <b>2009</b> , 83, 6011-9	6.6	63
57	Ultradeep pyrosequencing detects complex patterns of CD8+ T-lymphocyte escape in simian immunodeficiency virus-infected macaques. <i>Journal of Virology</i> , <b>2009</b> , 83, 8247-53	6.6	59
56	Infection via mosquito bite alters Zika virus tissue tropism and replication kinetics in rhesus macaques. <i>Nature Communications</i> , <b>2017</b> , 8, 2096	17.4	56
55	Ocular and uteroplacental pathology in a macaque pregnancy with congenital Zika virus infection. <i>PLoS ONE</i> , <b>2018</b> , 13, e0190617	3.7	50
54	MHC class I characterization of Indonesian cynomolgus macaques. <i>Immunogenetics</i> , <b>2008</b> , 60, 339-51	3.2	50
53	Specific CD8+ T cell responses correlate with control of simian immunodeficiency virus replication in Mauritian cynomolgus macaques. <i>Journal of Virology</i> , <b>2012</b> , 86, 7596-604	6.6	43
52	Characterization of 47 MHC class I sequences in Filipino cynomolgus macaques. <i>Immunogenetics</i> , <b>2009</b> , 61, 177-87	3.2	40
51	Transcriptionally abundant major histocompatibility complex class I alleles are fundamental to nonhuman primate simian immunodeficiency virus-specific CD8+ T cell responses. <i>Journal of Virology</i> , <b>2011</b> , 85, 3250-61	6.6	40
50	Zika viruses of African and Asian lineages cause fetal harm in a mouse model of vertical transmission. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007343	4.8	35
49	Comparable Genital Tract Infection, Pathology, and Immunity in Rhesus Macaques Inoculated with Wild-Type or Plasmid-Deficient <i>Chlamydia trachomatis</i> Serovar D. <i>Infection and Immunity</i> , <b>2015</b> , 83, 4056-67	3.7	31

48	ALT-803 Transiently Reduces Simian Immunodeficiency Virus Replication in the Absence of Antiretroviral Treatment. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	30
47	Conditional CD8+ T cell escape during acute simian immunodeficiency virus infection. <i>Journal of Virology</i> , <b>2012</b> , 86, 605-9	6.6	26
46	Characterization of a new SARS-CoV-2 variant that emerged in Brazil. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	25
45	Latent Infection Is Associated With a Higher Frequency of Mucosal-Associated Invariant T and Invariant Natural Killer T Cells. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1394	8.4	24
44	Characterization of full-length MHC class II sequences in Indonesian and Vietnamese cynomolgus macaques. <i>Immunogenetics</i> , <b>2011</b> , 63, 611-8	3.2	21
43	Molecularly barcoded Zika virus libraries to probe in vivo evolutionary dynamics. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006964	7.6	21
42	Acute-phase CD8 T cell responses that select for escape variants are needed to control live attenuated simian immunodeficiency virus. <i>Journal of Virology</i> , <b>2013</b> , 87, 9353-64	6.6	20
41	Using barcoded Zika virus to assess virus population structure in vitro and in <i>Aedes aegypti</i> mosquitoes. <i>Virology</i> , <b>2018</b> , 521, 138-148	3.6	19
40	Revealing fine-scale spatiotemporal differences in SARS-CoV-2 introduction and spread. <i>Nature Communications</i> , <b>2020</b> , 11, 5558	17.4	18
39	CD8 T cell response maturation defined by anentropic specificity and repertoire depth correlates with SIV <sub>nef</sub> -induced protection. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004633	7.6	13
38	MAIT cells are functionally impaired in a Mauritian cynomolgus macaque model of SIV and Mtb co-infection. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008585	7.6	12
37	Vaccination with Live Attenuated Simian Immunodeficiency Virus (SIV) Protects from Mucosal, but Not Necessarily Intravenous, Challenge with a Minimally Heterologous SIV. <i>Journal of Virology</i> , <b>2016</b> , 90, 5541-5548	6.6	10
36	SIV genome-wide pyrosequencing provides a comprehensive and unbiased view of variation within and outside CD8 T lymphocyte epitopes. <i>PLoS ONE</i> , <b>2012</b> , 7, e47818	3.7	9
35	A cautionary perspective regarding the isolation and serial propagation of SARS-CoV-2 in Vero cells. <i>Npj Vaccines</i> , <b>2021</b> , 6, 83	9.5	9
34	Preexisting Simian Immunodeficiency Virus Infection Increases Susceptibility to Tuberculosis in Mauritian Cynomolgus Macaques. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	9
33	Acute-Phase CD4 T Cell Responses Targeting Invariant Viral Regions Are Associated with Control of Live Attenuated Simian Immunodeficiency Virus. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	8
32	Prior infection with SARS-CoV-2 WA1/2020 partially protects rhesus macaques against reinfection with B.1.1.7 and B.1.351 variants. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabj2641	17.5	8
31	Characterization of T Cells Specific for CFP-10 and ESAT-6 in Mycobacterium tuberculosis-Infected Mauritian Cynomolgus Macaques. <i>Infection and Immunity</i> , <b>2017</b> , 85,	3.7	7

30	Loss of tetherin antagonism by Nef impairs SIV replication during acute infection of rhesus macaques. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008487	7.6	7
29	SIV progenitor evolution toward HIV: A humanized mouse surrogate model for SIVsm adaptation toward HIV-2. <i>Journal of Medical Primatology</i> , <b>2018</b> , 47, 298-301	0.7	7
28	Conditional Immune Escape during Chronic Simian Immunodeficiency Virus Infection. <i>Journal of Virology</i> , <b>2016</b> , 90, 545-52	6.6	6
27	T cell response specificity and magnitude against SIVmac239 are not concordant in major histocompatibility complex-matched animals. <i>Retrovirology</i> , <b>2013</b> , 10, 116	3.6	6
26	Distinct patterns of SARS-CoV-2 transmission in two nearby communities in Wisconsin, USA <b>2020</b> ,		6
25	SIVcpz cross-species transmission and viral evolution toward HIV-1 in a humanized mouse model. <i>Journal of Medical Primatology</i> , <b>2020</b> , 49, 40-43	0.7	5
24	Acute Viral Escape Selectively Impairs Nef-Mediated Major Histocompatibility Complex Class I Downmodulation and Increases Susceptibility to Antiviral T Cells. <i>Journal of Virology</i> , <b>2016</b> , 90, 2119-26	6.6	4
23	CD8 $\alpha$ Depletion Does Not Prevent Control of Viral Replication or Protection from Challenge in Macaques Chronically Infected with a Live Attenuated Simian Immunodeficiency Virus. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	3
22	Pre-existing Simian Immunodeficiency Virus Infection Increases Expression of T Cell Markers Associated with Activation during Early Coinfection and Impairs TNF Responses in Granulomas. <i>Journal of Immunology</i> , <b>2021</b> ,	5.3	3
21	Characterization of major histocompatibility complex-related molecule 1 sequence variants in non-human primates. <i>Immunogenetics</i> , <b>2019</b> , 71, 109-121	3.2	3
20	Evolution of SIVsm in humanized mice towards HIV-2. <i>Journal of Medical Primatology</i> , <b>2020</b> , 49, 280-283	0.7	2
19	Heterologous protection against Asian Zika virus challenge in rhesus macaques		2
18	Acute-phase CD4 $^{+}$ T cell responses targeting invariant viral regions are associated with control of live-attenuated simian immunodeficiency virus		2
17	Mimicking SIV chimpanzee viral evolution toward HIV-1 during cross-species transmission. <i>Journal of Medical Primatology</i> , <b>2020</b> , 49, 284-287	0.7	2
16	Spondweni virus causes fetal harm in Ifnar1 mice and is transmitted by Aedes aegypti mosquitoes. <i>Virology</i> , <b>2020</b> , 547, 35-46	3.6	1
15	Initial Evaluation of a Mobile SARS-CoV-2 RT-LAMP Testing Strategy.. <i>Journal of Biomolecular Techniques</i> , <b>2021</b> , 32, 137-147	1.1	1
14	MAIT cells are minimally responsive to Mycobacterium tuberculosis within granulomas, but are functionally impaired by SIV in a macaque model of SIV and Mtb co-infection		1
13	Extensive CD8 $\alpha$ depletion does not prevent control of viral replication or protection from challenge in macaques chronically infected with a live attenuated simian immunodeficiency virus		1

12	Translating viral vaccines into immunity. <i>Science</i> , <b>2021</b> , 371, 460-461	33.3	1
11	Zika Virus Infection of Pregnant Mice Triggers Strain-Specific Differences in Fetal Outcomes. <i>Journal of Virology</i> , <b>2021</b> , 95, e0081821	6.6	1
10	Characterization of the SARS-CoV-2 B.1.621 (Mu) variant.. <i>Science Translational Medicine</i> , <b>2022</b> , eabm49087.5	7.5	1
9	Validation of multiplex PCR sequencing assay of SIV. <i>Virology Journal</i> , <b>2021</b> , 18, 21	6.1	0
8	Mathematical modeling of N-803 treatment in SIV-infected non-human primates. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009204	5	0
7	Spontaneous Control of SIV Replication Does Not Prevent T Cell Dysregulation and Bacterial Dissemination in Animals Co-Infected with <i>M. tuberculosis</i> .. <i>Microbiology Spectrum</i> , <b>2022</b> , e0172421	8.9	0
6	The mucosal barrier and anti-viral immune responses can eliminate portions of the viral population during transmission and early viral growth. <i>PLoS ONE</i> , <b>2021</b> , 16, e0260010	3.7	
5	Polycystic kidney disease in rhesus macaques ( <i>Macaca mulatta</i> ). <i>FASEB Journal</i> , <b>2007</b> , 21, A1133	0.9	
4	MAIT cells are functionally impaired in a Mauritian cynomolgus macaque model of SIV and Mtb co-infection <b>2020</b> , 16, e1008585		
3	MAIT cells are functionally impaired in a Mauritian cynomolgus macaque model of SIV and Mtb co-infection <b>2020</b> , 16, e1008585		
2	MAIT cells are functionally impaired in a Mauritian cynomolgus macaque model of SIV and Mtb co-infection <b>2020</b> , 16, e1008585		
1	MAIT cells are functionally impaired in a Mauritian cynomolgus macaque model of SIV and Mtb co-infection <b>2020</b> , 16, e1008585		