Shelby L O'connor

List of Publications by Year
in descending order

63 papers	2,448 citations	257450 24 h-index	233421 45 g-index
78 all docs	78 docs citations	78 times ranked	3274 citing authors

#	Article	IF	Citations
1	Spontaneous Control of SIV Replication Does Not Prevent T Cell Dysregulation and Bacterial Dissemination in Animals Co-Infected with M. tuberculosis. Microbiology Spectrum, 2022, 10, e0172421.	3.0	8
2	Characterization of the SARS-CoV-2 B.1.621 (Mu) variant. Science Translational Medicine, 2022, 14, eabm4908.	12.4	21
3	Validation of multiplex PCR sequencing assay of SIV. Virology Journal, 2021, 18, 21.	3.4	2
4	Translating viral vaccines into immunity. Science, 2021, 371, 460-461.	12.6	2
5	Monkeying around with MAIT Cells: Studying the Role of MAIT Cells in SIV and Mtb Co-Infection. Viruses, 2021, 13, 863.	3.3	0
6	A cautionary perspective regarding the isolation and serial propagation of SARS-CoV-2 in Vero cells. Npj Vaccines, 2021, 6, 83.	6.0	25
7	Pre-existing Simian Immunodeficiency Virus Infection Increases Expression of T Cell Markers Associated with Activation during EarlyMycobacterium tuberculosisCoinfection and Impairs TNF Responses in Granulomas. Journal of Immunology, 2021, 207, 175-188.	0.8	11
8	Characterization of a new SARS-CoV-2 variant that emerged in Brazil. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	63
9	Mathematical modeling of N-803 treatment in SIV-infected non-human primates. PLoS Computational Biology, 2021, 17, e1009204.	3.2	3
10	Zika Virus Infection of Pregnant Ifnar1 ^{â˜'/â˜'} Mice Triggers Strain-Specific Differences in Fetal Outcomes. Journal of Virology, 2021, 95, e0081821.	3.4	6
11	Prior infection with SARS-CoV-2 WA1/2020 partially protects rhesus macaques against reinfection with B.1.1.7 and B.1.351 variants. Science Translational Medicine, 2021, 13, eabj2641.	12.4	15
12	Therapeutic Potential of IL-15 and N-803 in HIV/SIV Infection. Viruses, 2021, 13, 1750.	3.3	18
13	The mucosal barrier and anti-viral immune responses can eliminate portions of the viral population during transmission and early viral growth. PLoS ONE, 2021, 16, e0260010.	2.5	1
14	Initial Evaluation of a Mobile SARS-CoV-2 RT-LAMP Testing Strategy. Journal of Biomolecular Techniques, 2021, 32, 137-147.	1.5	11
15	Propagation of SARS-CoV-2 in Calu-3 Cells to Eliminate Mutations in the Furin Cleavage Site of Spike. Viruses, 2021, 13, 2434.	3.3	19
16	SIVcpz crossâ€spécies transmission and viral evolution toward HIVâ€1 in a humanized mouse model. Journal of Medical Primatology, 2020, 49, 40-43.	0.6	9
17	Revealing fine-scale spatiotemporal differences in SARS-CoV-2 introduction and spread. Nature Communications, 2020, 11, 5558.	12.8	39
18	Mimicking SIV chimpanzee viral evolution toward HIVâ€1 during crossâ€species transmission. Journal of Medical Primatology, 2020, 49, 284-287.	0.6	5

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19	MAIT cells are functionally impaired in a Mauritian cynomolgus macaque model of SIV and Mtb co-infection. PLoS Pathogens, 2020, 16, e1008585.	4.7	28
20	Spondweni virus causes fetal harm in Ifnar1 mice and is transmitted by Aedes aegypti mosquitoes. Virology, 2020, 547, 35-46.	2.4	12
21	Loss of tetherin antagonism by Nef impairs SIV replication during acute infection of rhesus macaques. PLoS Pathogens, 2020, 16, e1008487.	4.7	8
22	Evolution of SIVsm in humanized mice towards HIVâ€². Journal of Medical Primatology, 2020, 49, 280-283.	0.6	5
23	Title is missing!. , 2020, 16, e1008585.		0
24	Title is missing!. , 2020, 16, e1008585.		0
25	Title is missing!. , 2020, 16, e1008585.		0
26	Title is missing!. , 2020, 16, e1008585.		0
27	CD8Î² Depletion Does Not Prevent Control of Viral Replication or Protection from Challenge in Macaques Chronically Infected with a Live Attenuated Simian Immunodeficiency Virus. Journal of Virology, 2019, 93, .	3.4	9
28	Zika viruses of African and Asian lineages cause fetal harm in a mouse model of vertical transmission. PLoS Neglected Tropical Diseases, 2019, 13, e0007343.	3.0	70
29	Characterization of major histocompatibility complex-related molecule 1 sequence variants in non-human primates. Immunogenetics, 2019, 71, 109-121.	2.4	5
30	ALT-803 Transiently Reduces Simian Immunodeficiency Virus Replication in the Absence of Antiretroviral Treatment. Journal of Virology, 2018, 92, .	3.4	52
31	SIV progenitor evolution toward HIV: A humanized mouse surrogate model for SIVsm adaptation toward HIVâ€². Journal of Medical Primatology, 2018, 47, 298-301.	0.6	11
32	Preexisting Simian Immunodeficiency Virus Infection Increases Susceptibility to Tuberculosis in Mauritian Cynomolgus Macaques. Infection and Immunity, 2018, 86, .	2.2	23
33	Latent Mycobacterium tuberculosis Infection Is Associated With a Higher Frequency of Mucosal-Associated Invariant T and Invariant Natural Killer T Cells. Frontiers in Immunology, 2018, 9, 1394.	4.8	33
34	Acute-Phase CD4 ⁺ T Cell Responses Targeting Invariant Viral Regions Are Associated with Control of Live Attenuated Simian Immunodeficiency Virus. Journal of Virology, 2018, 92, .	3.4	13
35	Ocular and uteroplacental pathology in a macaque pregnancy with congenital Zika virus infection. PLoS ONE, 2018, 13, e0190617.	2.5	89
36	Using barcoded Zika virus to assess virus population structure in vitro and in Aedes aegypti mosquitoes. Virology, 2018, 521, 138-148.	2.4	43

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37	Molecularly barcoded Zika virus libraries to probe in vivo evolutionary dynamics. PLoS Pathogens, 2018, 14, e1006964.	4.7	38
38	Characterization of T Cells Specific for CFP-10 and ESAT-6 in Mycobacterium tuberculosis-Infected Mauritian Cynomolgus Macaques. Infection and Immunity, 2017, 85, .	2.2	12
39	Infection via mosquito bite alters Zika virus tissue tropism and replication kinetics in rhesus macaques. Nature Communications, 2017, 8, 2096.	12.8	87
40	Highly efficient maternal-fetal Zika virus transmission in pregnant rhesus macaques. PLoS Pathogens, 2017, 13, e1006378.	4.7	201
41	Heterologous Protection against Asian Zika Virus Challenge in Rhesus Macaques. PLoS Neglected Tropical Diseases, 2016, 10, e0005168.	3.0	125
42	Quantitation of Productively Infected Monocytes and Macrophages of Simian Immunodeficiency Virus-Infected Macaques. Journal of Virology, 2016, 90, 5643-5656.	3.4	93
43	Vaccination with Live Attenuated Simian Immunodeficiency Virus (SIV) Protects from Mucosal, but Not Necessarily Intravenous, Challenge with a Minimally Heterologous SIV. Journal of Virology, 2016, 90, 5541-5548.	3.4	15
44	A rhesus macaque model of Asian-lineage Zika virus infection. Nature Communications, 2016, 7, 12204.	12.8	353
45	Acute Viral Escape Selectively Impairs Nef-Mediated Major Histocompatibility Complex Class I Downmodulation and Increases Susceptibility to Antiviral T Cells. Journal of Virology, 2016, 90, 2119-2126.	3.4	5
46	Conditional Immune Escape during Chronic Simian Immunodeficiency Virus Infection. Journal of Virology, 2016, 90, 545-552.	3.4	6
47	CD8 T Cell Response Maturation Defined by Anentropic Specificity and Repertoire Depth Correlates with SIVî”nef-induced Protection. PLoS Pathogens, 2015, 11, e1004633.	4.7	19
48	Comparable Genital Tract Infection, Pathology, and Immunity in Rhesus Macaques Inoculated with Wild-Type or Plasmid-Deficient Chlamydia trachomatis Serovar D. Infection and Immunity, 2015, 83, 4056-4067.	2.2	38
49	T cell response specificity and magnitude against SIVmac239 are not concordant in major histocompatibility complex-matched animals. Retrovirology, 2013, 10, 116.	2.0	7
50	Acute-Phase CD8 T Cell Responses That Select for Escape Variants Are Needed to Control Live Attenuated Simian Immunodeficiency Virus. Journal of Virology, 2013, 87, 9353-9364.	3.4	24
51	Specific CD8 ⁺ T Cell Responses Correlate with Control of Simian Immunodeficiency Virus Replication in Mauritian Cynomolgus Macaques. Journal of Virology, 2012, 86, 7596-7604.	3.4	56
52	Conditional CD8⁺T Cell Escape during Acute Simian Immunodeficiency Virus Infection. Journal of Virology, 2012, 86, 605-609.	3.4	29
53	SIV Genome-Wide Pyrosequencing Provides a Comprehensive and Unbiased View of Variation within and outside CD8 T Lymphocyte Epitopes. PLoS ONE, 2012, 7, e47818.	2.5	9
54	Characterization of full-length MHC class II sequences in Indonesian and Vietnamese cynomolgus macaques. Immunogenetics, 2011, 63, 611-618.	2.4	23

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55	Transcriptionally Abundant Major Histocompatibility Complex Class I Alleles Are Fundamental to Nonhuman Primate Simian Immunodeficiency Virus-Specific CD8⁺T Cell Responses. Journal of Virology, 2011, 85, 3250-3261.	3.4	47
56	MHC Heterozygote Advantage in Simian Immunodeficiency Virusâ€"Infected Mauritian Cynomolgus Macaques. Science Translational Medicine, 2010, 2, 22ra18.	12.4	80
57	Ultradeep Pyrosequencing Detects Complex Patterns of CD8 ⁺ T-Lymphocyte Escape in Simian Immunodeficiency Virus-Infected Macaques. Journal of Virology, 2009, 83, 8247-8253.	3.4	61
58	Mauritian Cynomolgus Macaques Share Two Exceptionally Common Major Histocompatibility Complex Class I Alleles That Restrict Simian Immunodeficiency Virus-Specific CD8⁺T Cells. Journal of Virology, 2009, 83, 6011-6019.	3.4	72
59	Characterization of 47 MHC class I sequences in Filipino cynomolgus macaques. Immunogenetics, 2009, 61, 177-187.	2.4	41
60	MHC class I characterization of Indonesian cynomolgus macaques. Immunogenetics, 2008, 60, 339-51.	2.4	52
61	Simian Immunodeficiency Virus SIVmac239 Infection of Major Histocompatibility Complex-Identical Cynomolgus Macaques from Mauritius. Journal of Virology, 2007, 81, 349-361.	3.4	157
62	Comprehensive characterization of MHC class II haplotypes in Mauritian cynomolgus macaques. Immunogenetics, 2007, 59, 449-462.	2.4	122
63	Polycystic kidney disease in rhesus macaques (Macaca mulatta). FASEB Journal, 2007, 21, A1133.	0.5	0