Julia McBrien

List of Publications by Year
in descending order

50 papers	5,959 citations	236925 25 h-index	197818 49 g-index
52 all docs	52 docs citations	52 times ranked	7749 citing authors

#	Article	IF	Citations
1	From structure to sequence: Antibody discovery using cryoEM. Science Advances, 2022, 8, eabk2039.	10.3	18
2	Baricitinib treatment resolves lower-airway macrophage inflammation and neutrophil recruitment in SARS-CoV-2-infected rhesus macaques. Cell, 2021, 184, 460-475.e21.	28.9	156
3	Introduction to the Special Issue: Immunology of HIV and SIV infection. Seminars in Immunology, 2021, 51, 101484.	5.6	0
4	IL-21 and IFNÎ± therapy rescues terminallyÂdifferentiated NK cells and limits SIV reservoir in ART-treated macaques. Nature Communications, 2021, 12, 2866.	12.8	23
5	Tissue-specific transcriptional profiling of plasmacytoid dendritic cells reveals a hyperactivated state in chronic SIV infection. PLoS Pathogens, 2021, 17, e1009674.	4.7	6
6	Polyclonal antibody responses to HIV Env immunogens resolved using cryoEM. Nature Communications, 2021, 12, 4817.	12.8	35
7	Combination of CD8Î² Depletion and Interleukin-15 Superagonist N-803 Induces Virus Reactivation in Simian-Human Immunodeficiency Virus-Infected, Long-Term ART-Treated Rhesus Macaques. Journal of Virology, 2020, 94, .	3.4	40
8	Innate, non-cytolytic CD8+ T cell-mediated suppression of HIV replication by MHC-independent inhibition of virus transcription. PLoS Pathogens, 2020, 16, e1008821.	4.7	26
9	Virologic and Immunologic Features of Simian Immunodeficiency Virus Control Post-ART Interruption in Rhesus Macaques. Journal of Virology, 2020, 94, .	3.4	13
10	CTLA-4 and PD-1 dual blockade induces SIV reactivation without control of rebound after antiretroviral therapy interruption. Nature Medicine, 2020, 26, 519-528.	30.7	70
11	Robust and persistent reactivation of SIV and HIV by N-803 and depletion of CD8+ cells. Nature, 2020, 578, 154-159.	27.8	141
12	Alterations of redox and iron metabolism accompany the development of <scp>HIV</scp> latency. EMBO Journal, 2020, 39, e102209.	7.8	37
13	Lower nasopharyngeal viral load during the latest phase of COVID-19 pandemic in a Northern Italy University Hospital. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1573-1577.	2.3	26
14	Fingolimod retains cytolytic T cells and limits T follicular helper cell infection in lymphoid sites of SIV persistence. PLoS Pathogens, 2019, 15, e1008081.	4.7	21
15	Rapid Germinal Center and Antibody Responses in Non-human Primates after a Single Nanoparticle Vaccine Immunization. Cell Reports, 2019, 29, 1756-1766.e8.	6.4	47
16	Bone Marrow-Derived CD4 ⁺ T Cells Are Depleted in Simian Immunodeficiency Virus-Infected Macaques and Contribute to the Size of the Replication-Competent Reservoir. Journal of Virology, 2019, 93, .	3.4	10
17	Intragastric Administration of Lactobacillus plantarum and 2,2â€²-Dithiodipyridine-Inactivated Simian Immunodeficiency Virus (SIV) Does Not Protect Indian Rhesus Macaques from Intrarectal SIV Challenge or Reduce Virus Replication after Transmission. Journal of Virology, 2018, 92, .	3.4	4
18	Mechanisms of CD8⁺ TÂcellâ€mediated suppression of HIV/SIV replication. European Journal of Immunology, 2018, 48, 898-914.	2.9	79

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19	Loss of CXCR6 coreceptor usage characterizes pathogenic lentiviruses. PLoS Pathogens, 2018, 14, e1007003.	4.7	12
20	Longing for HIV protection. Nature Microbiology, 2018, 3, 648-649.	13.3	2
21	Short-Term Pegylated Interferon Î±2a Treatment Does Not Significantly Reduce the Viral Reservoir of Simian Immunodeficiency Virus-Infected, Antiretroviral Therapy-Treated Rhesus Macaques. Journal of Virology, 2018, 92, .	3.4	19
22	CTLA-4+PD-1â^' Memory CD4+ T Cells Critically Contribute to Viral Persistence in Antiretroviral Therapy-Suppressed, SIV-Infected Rhesus Macaques. Immunity, 2017, 47, 776-788.e5.	14.3	139
23	CD19xCD3 DART protein mediates human B-cell depletion in vivo in humanized BLT mice. Molecular Therapy - Oncolytics, 2016, 3, 15024.	4.4	6
24	Collapse of Cytolytic Potential in SIV-Specific CD8+ T Cells Following Acute SIV Infection in Rhesus Macaques. PLoS Pathogens, 2016, 12, e1006135.	4.7	24
25	Initiation of Antiretroviral Therapy Restores CD4 ⁺ T Memory Stem Cell Homeostasis in Simian Immunodeficiency Virus-Infected Macaques. Journal of Virology, 2016, 90, 6699-6708.	3.4	21
26	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
27	What pediatric nonprogressors and natural SIV hosts teach us about HIV. Science Translational Medicine, 2016, 8, 358fs16.	12.4	7
28	Animal models to achieve an HIV cure. Current Opinion in HIV and AIDS, 2016, 11, 432-441.	3.8	45
29	Antiretroviral Therapy in Simian Immunodeficiency Virus-Infected Sooty Mangabeys: Implications for AIDS Pathogenesis. Journal of Virology, 2016, 90, 7541-7551.	3.4	13
30	HIV and Tfh Cells: Circulating New Ideas to Identify and Protect. Immunity, 2016, 44, 16-18.	14.3	9
31	Analysis of the In Vivo Turnover of CD4+ T-Cell Subsets in Chronically SIV-Infected Sooty Mangabeys. PLoS ONE, 2016, 11, e0156352.	2.5	2
32	Activated CD4 ⁺ CCR5 ⁺ T cells in the rectum predict increased SIV acquisition in SIVGag/Tat-vaccinated rhesus macaques. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 518-523.	7.1	88
33	Differential Impact of <i>In Vivo</i> CD8 ⁺ T Lymphocyte Depletion in Controller versus Progressor Simian Immunodeficiency Virus-Infected Macaques. Journal of Virology, 2015, 89, 8677-8686.	3.4	58
34	Reduced Simian Immunodeficiency Virus Replication in Macrophages of Sooty Mangabeys Is Associated with Increased Expression of Host Restriction Factors. Journal of Virology, 2015, 89, 10136-10144.	3.4	14
35	Editorial overview: Host pathogens: New paradigms and tools to decipher and deconstruct the hostâ€"pathogen interaction. Current Opinion in Immunology, 2015, 36, v-viii.	5.5	0
36	Decreased T Follicular Regulatory Cell/T Follicular Helper Cell (TFH) in Simian Immunodeficiency Virusâ€"Infected Rhesus Macaques May Contribute to Accumulation of TFH in Chronic Infection. Journal of Immunology, 2015, 195, 3237-3247.	0.8	81

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37	Persistence of Virus Reservoirs in ART-Treated SHIV-Infected Rhesus Macaques after Autologous Hematopoietic Stem Cell Transplant. PLoS Pathogens, 2014, 10, e1004406.	4.7	61
38	CD4 Depletion in SIV-Infected Macaques Results in Macrophage and Microglia Infection with Rapid Turnover of Infected Cells. PLoS Pathogens, 2014, 10, e1004467.	4.7	109
39	Type I interferon responses in rhesus macaques prevent SIV infection and slow disease progression. Nature, 2014, 511, 601-605.	27.8	422
40	Reconstitution of Intestinal CD4 and Th17 T Cells in Antiretroviral Therapy Suppressed HIV-Infected Subjects: Implication for Residual Immune Activation from the Results of a Clinical Trial. PLoS ONE, 2014, 9, e109791.	2.5	26
41	Embracing the complexity of <scp>HIV</scp> immunology. Immunological Reviews, 2013, 254, 5-9.	6.0	6
42	Intact Type I Interferon Production and IRF7 Function in Sooty Mangabeys. PLoS Pathogens, 2013, 9, e1003597.	4.7	30
43	Nonhuman primate models in AIDS research. Current Opinion in HIV and AIDS, 2013, 8, 1.	3.8	118
44	CD4 ⁺ T Cells and HIV: A Paradoxical Pas de Deux. Science Translational Medicine, 2012, 4, 123ps4.	12.4	23
45	Viral CTL Escape Mutants Are Generated in Lymph Nodes and Subsequently Become Fixed in Plasma and Rectal Mucosa during Acute SIV Infection of Macaques. PLoS Pathogens, 2011, 7, e1002048.	4.7	35
46	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
47	Immune activation and AIDS pathogenesis. Aids, 2008, 22, 439-446.	2.2	209
48	Depletion of CD8+Cells in Sooty Mangabey Monkeys Naturally Infected with Simian Immunodeficiency Virus Reveals Limited Role for Immune Control of Virus Replication in a Natural Host Species. Journal of Immunology, 2007, 178, 8002-8012.	0.8	68
49	The AIDS resistance of naturally SIV-infected sooty mangabeys is independent of cellular immunity to the virus. Blood, 2006, 108, 209-217.	1.4	120
50	Microbial translocation is a cause of systemic immune activation in chronic HIV infection. Nature Medicine, 2006, 12, 1365-1371.	30.7	3,107