Ann Chahroudi

List of Publications by Year
in descending order

74 papers	3,172 citations	172386 29 h-index	175177 52 g-index
83 all docs	83 docs citations	83 times ranked	4336 citing authors

#	Article	IF	Citations
1	Natural SIV Hosts: Showing AIDS the Door. Science, 2012, 335, 1188-1193.	6.0	278
2	Systemic HIV and SIV latency reversal via non-canonical NF-Î²B signalling in vivo. Nature, 2020, 578, 160-165.	13.7	210
3	Low levels of SIV infection in sooty mangabey central memory CD4+ T cells are associated with limited CCR5 expression. Nature Medicine, 2011, 17, 830-836.	15.2	206
4	CD8 + Lymphocytes Are Required for Maintaining Viral Suppression in SIV-Infected Macaques Treated with Short-Term Antiretroviral Therapy. Immunity, 2016, 45, 656-668.	6.6	178
5	Research priorities for an HIV cure: International AIDS Society Global Scientific Strategy 2021. Nature Medicine, 2021, 27, 2085-2098.	15.2	146
6	Robust and persistent reactivation of SIV and HIV by N-803 and depletion of CD8+ cells. Nature, 2020, 578, 154-159.	13.7	141
7	Dynamics of SIV-specific CXCR5+ CD8 T cells during chronic SIV infection. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1976-1981.	3.3	119
8	Quantitative SARS-CoV-2 Serology in Children With Multisystem Inflammatory Syndrome (MIS-C). Pediatrics, 2020, 146, .	1.0	113
9	Interleukin-21 combined with ART reduces inflammation and viral reservoir in SIV-infected macaques. Journal of Clinical Investigation, 2015, 125, 4497-4513.	3.9	104
10	The VACCINES Act: Deciphering Vaccine Hesitancy in the Time of COVID-19. Clinical Infectious Diseases, 2020, 71, 703-705.	2.9	97
11	Neutralizing human monoclonal antibodies prevent Zika virus infection in macaques. Science Translational Medicine, 2017, 9, .	5.8	89
12	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.	0.4	81
13	Vaccinia Virus Tropism for Primary Hematolymphoid Cells Is Determined by Restricted Expression of a Unique Virus Receptor. Journal of Virology, 2005, 79, 10397-10407.	1.5	75
14	Postnatal Zika virus infection is associated with persistent abnormalities in brain structure, function, and behavior in infant macaques. Science Translational Medicine, 2018, 10, .	5.8	75
15	Altered amino acid profile in patients with SARS-CoV-2 infection. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	68
16	Persistence of Virus Reservoirs in ART-Treated SHIV-Infected Rhesus Macaques after Autologous Hematopoietic Stem Cell Transplant. PLoS Pathogens, 2014, 10, e1004406.	2.1	61
17	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.	1.5	58
18	Divergent CD4+ T Memory Stem Cell Dynamics in Pathogenic and Nonpathogenic Simian Immunodeficiency Virus Infections. Journal of Immunology, 2014, 192, 4666-4673.	0.4	57

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19	Transition of youth living with HIV from pediatric to adult-oriented healthcare: a review of the literature. Future Virology, 2014, 9, 921-929.	0.9	55
20	T Memory Stem Cells and HIV: a Long-Term Relationship. Current HIV/AIDS Reports, 2015, 12, 33-40.	1.1	52
21	Simian Immunodeficiency Virus Persistence in Cellular and Anatomic Reservoirs in Antiretroviral Therapy-Suppressed Infant Rhesus Macaques. Journal of Virology, 2018, 92, .	1.5	49
22	Animal models to achieve an HIV cure. Current Opinion in HIV and AIDS, 2016, 11, 432-441.	1.5	45
23	Target Cell Availability, Rather than Breast Milk Factors, Dictates Mother-to-Infant Transmission of SIV in Sooty Mangabeys and Rhesus Macaques. PLoS Pathogens, 2014, 10, e1003958.	2.1	43
24	Vitamin D Supplementation Decreases Immune Activation and Exhaustion in HIV-1-Infected Youth. Antiviral Therapy, 2018, 23, 315-324.	0.6	40
25	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, .	1.5	40
26	Long-term alterations in brain and behavior after postnatal Zika virus infection in infant macaques. Nature Communications, 2020, 11, 2534.	5.8	38
27	SARS-CoV-2 immune repertoire in MIS-C and pediatric COVID-19. Nature Immunology, 2021, 22, 1452-1464.	7.0	37
28	Mother-to-Infant Transmission of Simian Immunodeficiency Virus Is Rare in Sooty Mangabeys and Is Associated with Low Viremia. Journal of Virology, 2011, 85, 5757-5763.	1.5	36
29	A Five-Year Longitudinal Analysis of Sooty Mangabeys Naturally Infected with Simian Immunodeficiency Virus Reveals a Slow but Progressive Decline in CD4⁺T-Cell Count Whose Magnitude Is Not Predicted by Viral Load or Immune Activation. Journal of Virology, 2010, 84, 5476-5484.	1.5	35
30	SMAC Mimetic Plus Triple-Combination Bispecific HIVxCD3 Retargeting Molecules in SHIV.C.CH505-Infected, Antiretroviral Therapy-Suppressed Rhesus Macaques. Journal of Virology, 2020, 94, .	1.5	30
31	Innate, non-cytolytic CD8+ T cell-mediated suppression of HIV replication by MHC-independent inhibition of virus transcription. PLoS Pathogens, 2020, 16, e1008821.	2.1	26
32	Single-Amplicon Multiplex Real-Time Reverse Transcription-PCR with Tiled Probes To Detect SARS-CoV-2 spike Mutations Associated with Variants of Concern. Journal of Clinical Microbiology, 2021, 59, e0144621.	1.8	26
33	Simian-Human Immunodeficiency Virus SHIV.C.CH505 Persistence in ART-Suppressed Infant Macaques Is Characterized by Elevated SHIV RNA in the Gut and a High Abundance of Intact SHIV DNA in Naive CD4 ⁺ T Cells. Journal of Virology, 2020, 95, .	1.5	23
34	Liver macrophage-associated inflammation correlates with SIV burden and is substantially reduced following cART. PLoS Pathogens, 2018, 14, e1006871.	2.1	23
35	Therapeutic vaccination of SIV-infected, ART-treated infant rhesus macaques using Ad48/MVA in combination with TLR-7 stimulation. PLoS Pathogens, 2020, 16, e1008954.	2.1	22
36	Initiation of Antiretroviral Therapy Restores CD4 ⁺ T Memory Stem Cell Homeostasis in Simian Immunodeficiency Virus-Infected Macaques. Journal of Virology, 2016, 90, 6699-6708.	1.5	21

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37	Secretory phospholipase A2 in SARS-CoV-2 infection and multisystem inflammatory syndrome in children (MIS-C). Experimental Biology and Medicine, 2021, 246, 2543-2552.	1.1	20
38	Latency Reversal 2.0: Giving the Immune System a Seat at the Table. Current HIV/AIDS Reports, 2021, 18, 117-127.	1.1	20
39	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, .	1.5	19
40	Neurocognitive Dysfunction in HIV-Infected Youth: Investigating the Relationship with Immune Activation. Antiviral Therapy, 2017, 22, 669-680.	0.6	18
41	Interleukin-7 inÂHIV pathogenesis andÂtherapy. European Cytokine Network, 2010, 21, 202-7.	1.1	18
42	CD8 Lymphocyte Depletion Enhances the Latency Reversal Activity of the SMAC Mimetic AZD5582 in ART-Suppressed Simian Immunodeficiency Virus-Infected Rhesus Macaques. Journal of Virology, 2021, 95, .	1.5	17
43	Limited induction of SARS-CoV-2â€“specific T cell responses in children with multisystem inflammatory syndrome compared with COVID-19. JCI Insight, 2022, 7, .	2.3	17
44	Original antigenic sin responses to Betacoronavirus spike proteins are observed in a mouse model, but are not apparent in children following SARS-CoV-2 infection. PLoS ONE, 2021, 16, e0256482.	1.1	16
45	Antibody-Mediated CD4 Depletion Induces Homeostatic CD4 ⁺ T Cell Proliferation without Detectable Virus Reactivation in Antiretroviral Therapy-Treated Simian Immunodeficiency Virus-Infected Macaques. Journal of Virology, 2018, 92, .	1.5	15
46	Analytical Treatment Interruption after Short-Term Antiretroviral Therapy in a Postnatally Simian-Human Immunodeficiency Virus-Infected Infant Rhesus Macaque Model. MBio, 2019, 10, .	1.8	14
47	Antiretroviral Therapy in Simian Immunodeficiency Virus-Infected Sooty Mangabeys: Implications for AIDS Pathogenesis. Journal of Virology, 2016, 90, 7541-7551.	1.5	13
48	CNS Persistence of HIV-1 in Children: the Untapped Reservoir. Current HIV/AIDS Reports, 2018, 15, 382-387.	1.1	13
49	Non-human Primate Models to Investigate Mechanisms of Infection-Associated Fetal and Pediatric Injury, Teratogenesis and Stillbirth. Frontiers in Genetics, 2021, 12, 680342.	1.1	13
50	Understanding Viral and Immune Interplay During Vertical Transmission of HIV: Implications for Cure. Frontiers in Immunology, 2021, 12, 757400.	2.2	13
51	Serologic and Cytokine Signatures in Children With Multisystem Inflammatory Syndrome and Coronavirus Disease 2019. Open Forum Infectious Diseases, 2022, 9, ofac070.	0.4	13
52	SARS-CoV-2 Infection and Racial Disparities in Children: Protective Mechanisms and Severe Complications Related to MIS-C. Journal of Racial and Ethnic Health Disparities, 2022, 9, 1536-1542.	1.8	12
53	Pediatric HIV: the Potential of Immune Therapeutics to Achieve Viral Remission and Functional Cure. Current HIV/AIDS Reports, 2020, 17, 237-248.	1.1	10
54	New Latency Reversing Agents for HIV-1 Cure: Insights from Nonhuman Primate Models. Viruses, 2021, 13, 1560.	1.5	10

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55	HIV and Tfh Cells: Circulating New Ideas to Identify and Protect. Immunity, 2016, 44, 16-18.	6.6	9
56	Effects of vitamin D supplementation on carotid intima-media thickness in HIV-infected youth. Virulence, 2018, 9, 294-305.	1.8	9
57	Clinical and Preclinical Evidence for Adverse Neurodevelopment after Postnatal Zika Virus Infection. Tropical Medicine and Infectious Disease, 2021, 6, 10.	0.9	9
58	The Brain Retains: Nonhuman Primate Models for Pediatric HIV-1 in the CNS. Current HIV/AIDS Reports, 2020, 17, 343-353.	1.1	9
59	What pediatric nonprogressors and natural SIV hosts teach us about HIV. Science Translational Medicine, 2016, 8, 358fs16.	5.8	7
60	Systematic Assessment of Antiviral Potency, Breadth, and Synergy of Triple Broadly Neutralizing Antibody Combinations against Simian-Human Immunodeficiency Viruses. Journal of Virology, 2021, 95, .	1.5	6
61	Dynamics and origin of rebound viremia in SHIV-infected infant macaques following interruption of long-term ART. JCI Insight, 2021, 6, .	2.3	6
62	Covidâ€19 will not â€œmagically disappearâ€• Why access to widespread testing is paramount. American Journal of Hematology, 2021, 96, 174-178.	2.0	5
63	Quantifying integrated SIV-DNA by repetitive-sampling Alu-gag PCR. Journal of Virus Eradication, 2016, 2, 219-226.	0.3	5
64	Rapid progression is associated with lymphoid follicle dysfunction in SIV-infected infant rhesus macaques. PLoS Pathogens, 2021, 17, e1009575.	2.1	4
65	Elimination of SHIV Infected Cells by Combinations of Bispecific HIVxCD3 DARTÂ® Molecules. Frontiers in Immunology, 2021, 12, 710273.	2.2	4
66	Altered Response Pattern following AZD5582 Treatment of SIV-Infected, ART-Suppressed Rhesus Macaque Infants. Journal of Virology, 2022, 96, e0169921.	1.5	4
67	Measurement of HIVâ€1 CRF02_AGâ€“Specific T Cell Responses Indicates the Dominance of a p24gagEpitope in Blood Donors in Abidjan, CÃ´te dâ€™Ivoire. Journal of Infectious Diseases, 2005, 192, 1417-1421.	1.9	3
68	The need for new test verification and regulatory support for innovative diagnostics. Nature Biotechnology, 2021, 39, 1060-1062.	9.4	2
69	Challenges and Opportunities of Therapies Targeting Early Life Immunity for Pediatric HIV Cure. Frontiers in Immunology, 0, 13, .	2.2	2
70	An Unusual Cause of Fever and Headache in a School-Aged Male. Clinical Pediatrics, 2018, 57, 1359-1362.	0.4	1
71	Poverty and chronic illness: why safety net programs matter. Pediatric Research, 2019, 85, 743-744.	1.1	1
72	The latest science from the IAS Towards an HIV Cure Symposium: 16-17 July 2016, Durban, South Africa. Journal of Virus Eradication, 2016, 2, 235-241.	0.3	1

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73	Upward Trends of Parotitis and Mumps in Atlanta over a Decade. Global Pediatric Health, 2020, 7, 2333794X2096867.	0.3	0
74	HIV Reservoirs: Modeling, Quantification, and Approaches to a Cure. Methods in Molecular Biology, 2022, 2407, 215-228.	0.4	0