

# Claudia Cicala

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

1,542  
citations

687363

13  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1942  
citing authors

#	ARTICLE	IF	CITATIONS
1	HIV-1 envelope protein binds to and signals through integrin $\alpha 4\beta 7$ , the gut mucosal homing receptor for peripheral T cells. <i>Nature Immunology</i> , 2008, 9, 301-309.	14.5	521
2	The integrin $\alpha 4\beta 7$ forms a complex with cell-surface CD4 and defines a T-cell subset that is highly susceptible to infection by HIV-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20877-20882.	7.1	258
3	Sustained virologic control in SIV <sup>+</sup> macaques after antiretroviral and $\alpha 4\beta 7$ antibody therapy. <i>Science</i> , 2016, 354, 197-202.	12.6	194
4	Targeting $\alpha 4\beta 7$ integrin reduces mucosal transmission of simian immunodeficiency virus and protects gut-associated lymphoid tissue from infection. <i>Nature Medicine</i> , 2014, 20, 1397-1400.	30.7	134
5	CCR5 Signal Transduction in Macrophages by Human Immunodeficiency Virus and Simian Immunodeficiency Virus Envelopes. <i>Journal of Virology</i> , 2000, 74, 6418-6424.	3.4	94
6	Integrin $\alpha 4\beta 7$ expression on peripheral blood CD4 <sup>+</sup> T cells predicts HIV acquisition and disease progression outcomes. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	85
7	Virion incorporation of integrin $\alpha 4\beta 7$ facilitates HIV-1 infection and intestinal homing. <i>Science Immunology</i> , 2017, 2, .	11.9	49
8	Blocking $\alpha 4\beta 7$ integrin binding to SIV does not improve virologic control. <i>Science</i> , 2019, 365, 1033-1036.	12.6	31
9	Select gp120 V2 domain specific antibodies derived from HIV and SIV infection and vaccination inhibit gp120 binding to $\alpha 4\beta 7$ . <i>PLoS Pathogens</i> , 2018, 14, e1007278.	4.7	29
10	MAdCAM costimulation through Integrin- $\alpha 4\beta 7$ promotes HIV replication. <i>Mucosal Immunology</i> , 2018, 11, 1342-1351.	6.0	26
11	Common helical V1V2 conformations of HIV-1 Envelope expose the $\alpha 4\beta 7$ binding site on intact virions. <i>Nature Communications</i> , 2018, 9, 4489.	12.8	24
12	Integrin $\alpha 4\beta 7$ Blockade Preferentially Impacts CCR6+ Lymphocyte Subsets in Blood and Mucosal Tissues of Naive Rhesus Macaques. <i>Journal of Immunology</i> , 2018, 200, 810-820.	0.8	23
13	Delayed vaginal SHIV infection in VRC01 and anti- $\alpha 4\beta 7$ treated rhesus macaques. <i>PLoS Pathogens</i> , 2019, 15, e1007776.	4.7	16
14	Anti-V2 antibodies virus vulnerability revealed by envelope V1 deletion in HIV vaccine candidates. <i>IScience</i> , 2021, 24, 102047.	4.1	16
15	The V2 loop of HIV gp120 delivers costimulatory signals to CD4 <sup>+</sup> T cells through Integrin $\alpha 4\beta 7$ and promotes cellular activation and infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32566-32573.	7.1	14
16	Blocking $\alpha 4\beta 7$ integrin delays viral rebound in SHIV <sub>SF162P3</sub> -infected macaques treated with anti-HIV broadly neutralizing antibodies. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	11
17	The association of $\alpha 4\beta 7$ expression with HIV acquisition and disease progression in people who inject drugs and men who have sex with men: Case control studies. <i>EBioMedicine</i> , 2020, 62, 103102.	6.1	2