

# Andrea Cimorelli

## List of Publications by Citations

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

52  
papers

2,024  
citations

25  
h-index

44  
g-index

61  
ext. papers

2,245  
ext. citations

6.2  
avg, IF

4.41  
L-index

#	Paper	IF	Citations
52	Basic residues in human immunodeficiency virus type 1 nucleocapsid promote virion assembly via interaction with RNA. <i>Journal of Virology</i> , <b>2000</b> , 74, 3046-57	6.6	165
51	SIVSM/HIV-2 Vpx proteins promote retroviral escape from a proteasome-dependent restriction pathway present in human dendritic cells. <i>Retrovirology</i> , <b>2007</b> , 4, 2	3.6	164
50	Human immunodeficiency virus type 1 Gag polyprotein multimerization requires the nucleocapsid domain and RNA and is promoted by the capsid-dimer interface and the basic region of matrix protein. <i>Journal of Virology</i> , <b>1999</b> , 73, 8527-40	6.6	156
49	APOBEC3A is a specific inhibitor of the early phases of HIV-1 infection in myeloid cells. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1002221	7.6	142
48	Translation elongation factor 1-alpha interacts specifically with the human immunodeficiency virus type 1 Gag polyprotein. <i>Journal of Virology</i> , <b>1999</b> , 73, 5388-401	6.6	141
47	Specific incorporation of heat shock protein 70 family members into primate lentiviral virions. <i>Journal of Virology</i> , <b>2002</b> , 76, 4666-70	6.6	122
46	Characterization of simian immunodeficiency virus SIVSM/human immunodeficiency virus type 2 Vpx function in human myeloid cells. <i>Journal of Virology</i> , <b>2008</b> , 82, 12335-45	6.6	109
45	IFITM proteins are incorporated onto HIV-1 virion particles and negatively imprint their infectivity. <i>Retrovirology</i> , <b>2014</b> , 11, 103	3.6	85
44	A simple, versatile and efficient method to genetically modify human monocyte-derived dendritic cells with HIV-1-derived lentiviral vectors. <i>Nature Protocols</i> , <b>2011</b> , 6, 806-16	18.8	76
43	Characterization of the early steps of infection of primary blood monocytes by human immunodeficiency virus type 1. <i>Journal of Virology</i> , <b>2008</b> , 82, 6557-65	6.6	62
42	Identification of a New Ribonucleoside Inhibitor of Ebola Virus Replication. <i>Viruses</i> , <b>2015</b> , 7, 6233-40	6.2	57
41	Analysis of the viral elements required in the nuclear import of HIV-1 DNA. <i>Journal of Virology</i> , <b>2010</b> , 84, 729-39	6.6	56
40	The inside out of lentiviral vectors. <i>Viruses</i> , <b>2011</b> , 3, 132-59	6.2	50
39	Characterization of the behavior of functional viral genomes during the early steps of human immunodeficiency virus type 1 infection. <i>Journal of Virology</i> , <b>2009</b> , 83, 7524-35	6.6	47
38	Transduction of nondividing human macrophages with gammaretrovirus-derived vectors. <i>Journal of Virology</i> , <b>2006</b> , 80, 1152-9	6.6	39
37	Interference with the production of infectious viral particles and bimodal inhibition of replication are broadly conserved antiviral properties of IFITMs. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006610	7.6	39
36	Heterologous human immunodeficiency virus type 1 lentiviral vectors packaging a simian immunodeficiency virus-derived genome display a specific postentry transduction defect in dendritic cells. <i>Journal of Virology</i> , <b>2003</b> , 77, 9295-304	6.6	38

35	HTLV-II down-regulates HIV-1 replication in IL-2-stimulated primary PBMC of coinfecting individuals through expression of MIP-1 $\beta$ . <i>Blood</i> , <b>2000</b> , 95, 2760-2769	2.2	37
34	Human immunodeficiency virus type 1 virion density is not determined by nucleocapsid basic residues. <i>Journal of Virology</i> , <b>2000</b> , 74, 6734-40	6.6	35
33	Different effects of the TAR structure on HIV-1 and HIV-2 genomic RNA translation. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 2653-67	20.1	34
32	Functional analysis of the relationship between Vpx and the restriction factor SAMHD1. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 41210-7	5.4	28
31	Rescue of multiple viral functions by a second-site suppressor of a human immunodeficiency virus type 1 nucleocapsid mutation. <i>Journal of Virology</i> , <b>2000</b> , 74, 4273-83	6.6	27
30	The transcription profile of Tax-3 is more similar to Tax-1 than Tax-2: insights into HTLV-3 potential leukemogenic properties. <i>PLoS ONE</i> , <b>2012</b> , 7, e41003	3.7	26
29	Clonal expansion of human T-cell leukemia virus type II in patients with high proviral load. <i>Virology</i> , <b>1996</b> , 223, 362-4	3.6	26
28	Targeting the assembly of the human immunodeficiency virus type I. <i>Current Pharmaceutical Design</i> , <b>2004</b> , 10, 3725-39	3.3	26
27	Cellular tropism of human T-cell leukemia virus type II is enlarged to B lymphocytes in patients with high proviral load. <i>Virology</i> , <b>1995</b> , 206, 1126-8	3.6	24
26	A Novel Entry/Uncoating Assay Reveals the Presence of at Least Two Species of Viral Capsids During Synchronized HIV-1 Infection. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005897	7.6	22
25	The interferon stimulated gene 20 protein (ISG20) is an innate defense antiviral factor that discriminates self versus non-self translation. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1008093	7.6	21
24	Simian immunodeficiency virus-Vpx for improving integrase defective lentiviral vector-based vaccines. <i>Retrovirology</i> , <b>2012</b> , 9, 69	3.6	19
23	Functional mechanisms of the cellular prion protein (PrP(C)) associated anti-HIV-1 properties. <i>Cellular and Molecular Life Sciences</i> , <b>2012</b> , 69, 1331-52	10.3	17
22	Functional Mapping of Regions Involved in the Negative Imprinting of Virion Particle Infectivity and in Target Cell Protection by Interferon-Induced Transmembrane Protein 3 against HIV-1. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	16
21	Leucine-rich repeat-containing G protein-coupled receptor 4 facilitates vesicular stomatitis virus infection by binding vesicular stomatitis virus glycoprotein. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 16527-16538	5.4	13
20	Tailored HIV-1 vectors for genetic modification of primary human dendritic cells and monocytes. <i>Journal of Virology</i> , <b>2013</b> , 87, 234-42	6.6	12
19	Evidence for a different susceptibility of primate lentiviruses to type I interferons. <i>Journal of Virology</i> , <b>2013</b> , 87, 2587-96	6.6	11
18	Implications of the nucleocapsid and the microenvironment in retroviral reverse transcription. <i>Viruses</i> , <b>2010</b> , 2, 939-60	6.2	11

17	Improved adenovirus type 5 vector-mediated transduction of resistant cells by piggybacking on coxsackie B-adenovirus receptor-pseudotyped baculovirus. <i>Journal of Virology</i> , <b>2009</b> , 83, 6048-66	6.6	11
16	Molecular insight into how HIV-1 Vpr protein impairs cell growth through two genetically distinct pathways. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 23742-52	5.4	10
15	The DNA damage induced by the Cytosine Deaminase APOBEC3A Leads to the production of ROS. <i>Scientific Reports</i> , <b>2019</b> , 9, 4714	4.9	8
14	Impact of the MRN Complex on Adeno-Associated Virus Integration and Replication during Coinfection with Herpes Simplex Virus 1. <i>Journal of Virology</i> , <b>2015</b> , 89, 6824-34	6.6	6
13	Context-dependent phenotype of a human immunodeficiency virus type 1 nucleocapsid mutation. <i>Journal of Virology</i> , <b>2001</b> , 75, 7193-7	6.6	6
12	HIV-1 reverse transcription. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1087, 55-70	1.4	6
11	Reduction of death receptor 5 expression and apoptosis of CD4+ T cells from HIV controllers. <i>Clinical Immunology</i> , <b>2014</b> , 155, 17-26	9	5
10	The susceptibility of primate lentiviruses to nucleosides and Vpx during infection of dendritic cells is regulated by CA. <i>Journal of Virology</i> , <b>2015</b> , 89, 4030-4	6.6	4
9	DGINN, an automated and highly-flexible pipeline for the detection of genetic innovations on protein-coding genes. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, e103	20.1	3
8	Utilization of a DNA enzyme immunoassay for the detection of proviral DNA of human immunodeficiency virus type 1 by polymerase chain reaction. <i>Clinical and Diagnostic Virology</i> , <b>1995</b> , 3, 155-64		2
7	Functional Heterogeneity of Mammalian IFITM Proteins against HIV-1. <i>Journal of Virology</i> , <b>2021</b> , 95, e00439	4.39	2
6	A conserved uORF impacts APOBEC3G translation and is essential for translational inhibition by the HIV-1 Vif protein		2
5	The Frequency of Cytidine Editing of Viral DNA Is Differentially Influenced by Vpx and Nucleosides during HIV-1 or SIVMAC Infection of Dendritic Cells. <i>PLoS ONE</i> , <b>2015</b> , 10, e0140561	3.7	1
4	Journey to the heart of macrophages: the delicate relationship between HIV-1 and a multifaceted cell type. <i>Retrovirology</i> , <b>2010</b> , 7, 28	3.6	1
3	SIVSM/HIV-2 Vpx proteins: function and uses in the infection of primary myeloid cells. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1087, 159-65	1.4	1
2	Membrane Interference Against HIV-1 by Intrinsic Antiviral Factors: The Case of IFITMs. <i>Cells</i> , <b>2021</b> , 10,	7.9	1
1	Mannoside Glycolipid Conjugates Display Antiviral Activity Against Ebola Virus. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 218, S666-S671	7	