Andrea Cimarelli

List of Publications by Year in Descending Order

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	Membrane Interference Against HIV-1 by Intrinsic Antiviral Factors: The Case of IFITMs. *Cells*, **2021**, 10,	7.9	1
51	Functional Heterogeneity of Mammalian IFITM Proteins against HIV-1. *Journal of Virology*, **2021**, 95, e00439	6.6	2
50	DGINN, an automated and highly-flexible pipeline for the detection of genetic innovations on protein-coding genes. *Nucleic Acids Research*, **2020**, 48, e103	20.1	3
49	The DNA damage induced by the Cytosine Deaminase APOBEC3A Leads to the production of ROS. *Scientific Reports*, **2019**, 9, 4714	4.9	8
48	The interferon stimulated gene 20 protein (ISG20) is an innate defense antiviral factor that discriminates self versus non-self translation. *PLoS Pathogens*, **2019**, 15, e1008093	7.6	21
47	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. *Journal of Virology*, **2019**, 93,	6.6	16
46	Mannoside Glycolipid Conjugates Display Antiviral Activity Against Ebola Virus. *Journal of Infectious Diseases*, **2018**, 218, S666-S671	7	
45	Leucine-rich repeat-containing G protein-coupled receptor 4 facilitates vesicular stomatitis virus infection by binding vesicular stomatitis virus glycoprotein. *Journal of Biological Chemistry*, **2017**, 292, 16527-16538	5.4	13
44	Interference with the production of infectious viral particles and bimodal inhibition of replication are broadly conserved antiviral properties of IFITMs. *PLoS Pathogens*, **2017**, 13, e1006610	7.6	39
43	A Novel Entry/Uncoating Assay Reveals the Presence of at Least Two Species of Viral Capsids During Synchronized HIV-1 Infection. *PLoS Pathogens*, **2016**, 12, e1005897	7.6	22
42	The susceptibility of primate lentiviruses to nucleosides and Vpx during infection of dendritic cells is regulated by CA. *Journal of Virology*, **2015**, 89, 4030-4	6.6	4
41	Impact of the MRN Complex on Adeno-Associated Virus Integration and Replication during Coinfection with Herpes Simplex Virus 1. *Journal of Virology*, **2015**, 89, 6824-34	6.6	6
40	Identification of a New Ribonucleoside Inhibitor of Ebola Virus Replication. *Viruses*, **2015**, 7, 6233-40	6.2	57
39	The Frequency of Cytidine Editing of Viral DNA Is Differentially Influenced by Vpx and Nucleosides during HIV-1 or SIVMAC Infection of Dendritic Cells. *PLoS ONE*, **2015**, 10, e0140561	3.7	1
38	Reduction of death receptor 5 expression and apoptosis of CD4+ T cells from HIV controllers. *Clinical Immunology*, **2014**, 155, 17-26	9	5
37	IFITM proteins are incorporated onto HIV-1 virion particles and negatively imprint their infectivity. *Retrovirology*, **2014**, 11, 103	3.6	85
36	SIVSM/HIV-2 Vpx proteins: function and uses in the infection of primary myeloid cells. *Methods in Molecular Biology*, **2014**, 1087, 159-65	1.4	1

35	HIV-1 reverse transcription. *Methods in Molecular Biology*, **2014**, 1087, 55-70	1.4	6
34	Evidence for a different susceptibility of primate lentiviruses to type I interferons. *Journal of Virology*, **2013**, 87, 2587-96	6.6	11
33	Tailored HIV-1 vectors for genetic modification of primary human dendritic cells and monocytes. *Journal of Virology*, **2013**, 87, 234-42	6.6	12
32	Simian immunodeficiency virus-Vpx for improving integrase defective lentiviral vector-based vaccines. *Retrovirology*, **2012**, 9, 69	3.6	19
31	The transcription profile of Tax-3 is more similar to Tax-1 than Tax-2: insights into HTLV-3 potential leukemogenic properties. *PLoS ONE*, **2012**, 7, e41003	3.7	26
30	Functional mechanisms of the cellular prion protein (PrP(C)) associated anti-HIV-1 properties. *Cellular and Molecular Life Sciences*, **2012**, 69, 1331-52	10.3	17
29	Functional analysis of the relationship between Vpx and the restriction factor SAMHD1. *Journal of Biological Chemistry*, **2012**, 287, 41210-7	5.4	28
28	Different effects of the TAR structure on HIV-1 and HIV-2 genomic RNA translation. *Nucleic Acids Research*, **2012**, 40, 2653-67	20.1	34
27	A simple, versatile and efficient method to genetically modify human monocyte-derived dendritic cells with HIV-1-derived lentiviral vectors. *Nature Protocols*, **2011**, 6, 806-16	18.8	76
26	Molecular insight into how HIV-1 Vpr protein impairs cell growth through two genetically distinct pathways. *Journal of Biological Chemistry*, **2011**, 286, 23742-52	5.4	10
25	APOBEC3A is a specific inhibitor of the early phases of HIV-1 infection in myeloid cells. *PLoS Pathogens*, **2011**, 7, e1002221	7.6	142
24	The inside out of lentiviral vectors. *Viruses*, **2011**, 3, 132-59	6.2	50
23	Analysis of the viral elements required in the nuclear import of HIV-1 DNA. *Journal of Virology*, **2010**, 84, 729-39	6.6	56
22	Implications of the nucleocapsid and the microenvironment in retroviral reverse transcription. *Viruses*, **2010**, 2, 939-60	6.2	11
21	Journey to the heart of macrophages: the delicate relationship between HIV-1 and a multifaceted cell type. *Retrovirology*, **2010**, 7, 28	3.6	1
20	Characterization of the behavior of functional viral genomes during the early steps of human immunodeficiency virus type 1 infection. *Journal of Virology*, **2009**, 83, 7524-35	6.6	47
19	Improved adenovirus type 5 vector-mediated transduction of resistant cells by piggybacking on coxsackie B-adenovirus receptor-pseudotyped baculovirus. *Journal of Virology*, **2009**, 83, 6048-66	6.6	11
18	Characterization of simian immunodeficiency virus SIVSM/human immunodeficiency virus type 2 Vpx function in human myeloid cells. *Journal of Virology*, **2008**, 82, 12335-45	6.6	109

17	Characterization of the early steps of infection of primary blood monocytes by human immunodeficiency virus type 1. *Journal of Virology*, **2008**, 82, 6557-65	6.6	62
16	SIVSM/HIV-2 Vpx proteins promote retroviral escape from a proteasome-dependent restriction pathway present in human dendritic cells. *Retrovirology*, **2007**, 4, 2	3.6	164
15	Transduction of nondividing human macrophages with gammaretrovirus-derived vectors. *Journal of Virology*, **2006**, 80, 1152-9	6.6	39
14	Targeting the assembly of the human immunodeficiency virus type I. *Current Pharmaceutical Design*, **2004**, 10, 3725-39	3.3	26
13	Heterologous human immunodeficiency virus type 1 lentiviral vectors packaging a simian immunodeficiency virus-derived genome display a specific postentry transduction defect in dendritic cells. *Journal of Virology*, **2003**, 77, 9295-304	6.6	38
12	Specific incorporation of heat shock protein 70 family members into primate lentiviral virions. *Journal of Virology*, **2002**, 76, 4666-70	6.6	122
11	Context-dependent phenotype of a human immunodeficiency virus type 1 nucleocapsid mutation. *Journal of Virology*, **2001**, 75, 7193-7	6.6	6
10	HTLV-II down-regulates HIV-1 replication in IL-2–stimulated primary PBMC of coinfected individuals through expression of MIP-1β. *Blood*, **2000**, 95, 2760-2769	2.2	37
9	Rescue of multiple viral functions by a second-site suppressor of a human immunodeficiency virus type 1 nucleocapsid mutation. *Journal of Virology*, **2000**, 74, 4273-83	6.6	27
8	Human immunodeficiency virus type 1 virion density is not determined by nucleocapsid basic residues. *Journal of Virology*, **2000**, 74, 6734-40	6.6	35
7	Basic residues in human immunodeficiency virus type 1 nucleocapsid promote virion assembly via interaction with RNA. *Journal of Virology*, **2000**, 74, 3046-57	6.6	165
6	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. *Journal of Virology*, **1999**, 73, 8527-40	6.6	156
5	Translation elongation factor 1-alpha interacts specifically with the human immunodeficiency virus type 1 Gag polyprotein. *Journal of Virology*, **1999**, 73, 5388-401	6.6	141
4	Clonal expansion of human T-cell leukemia virus type II in patients with high proviral load. *Virology*, **1996**, 223, 362-4	3.6	26
3	Cellular tropism of human T-cell leukemia virus type II is enlarged to B lymphocytes in patients with high proviral load. *Virology*, **1995**, 206, 1126-8	3.6	24
2	Utilization of a DNA enzyme immunoassay for the detection of proviral DNA of human immunodeficiency virus type 1 by polymerase chain reaction. *Clinical and Diagnostic Virology*, **1995**, 3, 155-64		2
1	A conserved uORF impacts APOBEC3G translation and is essential for translational inhibition by the HIV-1 Vif protein		2