

# Mauro S Malnati

## 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.

70 papers	4,543 citations	34 h-index	67 g-index
72 ext. papers	4,934 ext. citations	12.2 avg, IF	4.31 L-index

#	Paper	IF	Citations
70	In vivo evolution of HIV-1 co-receptor usage and sensitivity to chemokine-mediated suppression. <i>Nature Medicine</i> , <b>1997</b> , 3, 1259-65	50.5	542
69	Molecular clones of the p58 NK cell receptor reveal immunoglobulin-related molecules with diversity in both the extra- and intracellular domains. <i>Immunity</i> , <b>1995</b> , 2, 439-49	32.3	525
68	CD46 is a cellular receptor for human herpesvirus 6. <i>Cell</i> , <b>1999</b> , 99, 817-27	56.2	423
67	Classification of HHV-6A and HHV-6B as distinct viruses. <i>Archives of Virology</i> , <b>2014</b> , 159, 863-70	2.6	225
66	Induction of CD4 and susceptibility to HIV-1 infection in human CD8+ T lymphocytes by human herpesvirus 6. <i>Nature</i> , <b>1991</b> , 349, 533-5	50.4	224
65	Processing pathways for presentation of cytosolic antigen to MHC class II-restricted T cells. <i>Nature</i> , <b>1992</b> , 357, 702-4	50.4	187
64	Infection of natural killer cells by human herpesvirus 6. <i>Nature</i> , <b>1993</b> , 362, 458-62	50.4	164
63	Additional evidence that pityriasis rosea is associated with reactivation of human herpesvirus-6 and -7. <i>Journal of Investigative Dermatology</i> , <b>2005</b> , 124, 1234-40	4.3	125
62	A universal real-time PCR assay for the quantification of group-M HIV-1 proviral load. <i>Nature Protocols</i> , <b>2008</b> , 3, 1240-8	18.8	110
61	Antigen-driven C-C chemokine-mediated HIV-1 suppression by CD4(+) T cells from exposed uninfected individuals expressing the wild-type CCR-5 allele. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 455-60	16.6	107
60	Real-time quantitative PCR for human herpesvirus 6 DNA. <i>Journal of Clinical Microbiology</i> , <b>2000</b> , 38, 4042-8	3.8	107
59	Suppression of CCR5- but not CXCR4-tropic HIV-1 in lymphoid tissue by human herpesvirus 6. <i>Nature Medicine</i> , <b>2001</b> , 7, 1232-5	50.5	98
58	International network for comparison of HIV neutralization assays: the NeutNet report. <i>PLoS ONE</i> , <b>2009</b> , 4, e4505	3.7	95
57	Infection of gamma/delta T lymphocytes by human herpesvirus 6: transcriptional induction of CD4 and susceptibility to HIV infection. <i>Journal of Experimental Medicine</i> , <b>1995</b> , 181, 1303-10	16.6	83
56	Multicenter Comparison of PCR Assays for Detection of Human Herpesvirus 6 DNA in Serum. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 519-519	9.7	78
55	Pathogenic effects of human herpesvirus 6 in human lymphoid tissue ex vivo. <i>Journal of Virology</i> , <b>2003</b> , 77, 8280-9	6.6	76
54	Recognition of virus-infected cells by natural killer cell clones is controlled by polymorphic target cell elements. <i>Journal of Experimental Medicine</i> , <b>1993</b> , 178, 961-9	16.6	75

53	CD3+4-8-WT31-(T cell receptor gamma+) cells and other unusual phenotypes are frequently detected among spontaneously interleukin 2-responsive T lymphocytes present in the joint fluid in juvenile rheumatoid arthritis. A clonal analysis. <i>European Journal of Immunology</i> , <b>1987</b> , 17, 1815-9	6.1	74
52	Rapid diagnosis of mycobacterial infections and quantitation of Mycobacterium tuberculosis load by two real-time calibrated PCR assays. <i>Journal of Clinical Microbiology</i> , <b>2003</b> , 41, 4565-72	9.7	73
51	Multicenter comparison of PCR assays for detection of human herpesvirus 6 DNA in serum. <i>Journal of Clinical Microbiology</i> , <b>2008</b> , 46, 2700-6	9.7	66
50	Plasma levels of soluble CD30, tumour necrosis factor (TNF)-alpha and TNF receptors during primary HIV-1 infection: correlation with HIV-1 RNA and the clinical outcome. <i>Aids</i> , <b>1996</b> , 10, F45-50	3.5	60
49	B-cell subset alterations and correlated factors in HIV-1 infection. <i>Aids</i> , <b>2013</b> , 27, 1209-17	3.5	56
48	Human herpesvirus 6A accelerates AIDS progression in macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 5067-72	11.5	49
47	Development of analytical systems based on real-time PCR for Triticum species-specific detection and quantitation of bread wheat contamination in semolina and pasta. <i>Journal of Cereal Science</i> , <b>2003</b> , 38, 87-94	3.8	49
46	Expression of CD4 on human peripheral blood neutrophils. <i>Blood</i> , <b>2003</b> , 101, 4452-6	2.2	47
45	Human herpesvirus 6 (HHV-6) causes severe thymocyte depletion in SCID-hu Thy/Liv mice. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 189, 1953-60	16.6	47
44	HLA-DR-restricted presentation of purified myelin basic protein is independent of intracellular processing. <i>European Journal of Immunology</i> , <b>1997</b> , 27, 941-51	6.1	46
43	Viral interactions in human lymphoid tissue: Human herpesvirus 7 suppresses the replication of CCR5-tropic human immunodeficiency virus type 1 via CD4 modulation. <i>Journal of Virology</i> , <b>2007</b> , 81, 708-17	6.6	45
42	Selective reactivation of human herpesvirus 6 in patients with autoimmune connective tissue diseases. <i>Journal of Medical Virology</i> , <b>2013</b> , 85, 1925-34	19.7	44
41	Pregnancy outcome in patients with pityriasis rosea. <i>Journal of the American Academy of Dermatology</i> , <b>2008</b> , 58, S78-83	4.5	43
40	Calibrated real-time PCR assay for quantitation of human herpesvirus 8 DNA in biological fluids. <i>Journal of Clinical Microbiology</i> , <b>2002</b> , 40, 4652-8	9.7	43
39	Reactivation of human herpesvirus 6 (HHV-6) infection in patients with connective tissue diseases. <i>Journal of Clinical Virology</i> , <b>2009</b> , 46, 43-6	14.5	40
38	Longitudinal analysis of serum chemokine levels in the course of HIV-1 infection. <i>Aids</i> , <b>1999</b> , 13, 447-54	3.5	40
37	Specificity of human T lymphocytes expressing a gamma/delta T cell antigen receptor. Recognition of a polymorphic determinant of HLA class I molecules by a gamma/delta clone. <i>European Journal of Immunology</i> , <b>1989</b> , 19, 1267-71	6.1	34
36	Interdomain Stabilization Impairs CD4 Binding and Improves Immunogenicity of the HIV-1 Envelope Trimer. <i>Cell Host and Microbe</i> , <b>2018</b> , 23, 832-844.e6	23.4	33

35	International network for comparison of HIV neutralization assays: the NeutNet report II. <i>PLoS ONE</i> , <b>2012</b> , 7, e36438	3.7	32
34	Multiplex real-time PCR for detection of deletions and duplications in dystrophin gene. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 339, 145-50	3.4	31
33	Treatment with IL-7 prevents the decline of circulating CD4+ T cells during the acute phase of SIV infection in rhesus macaques. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002636	7.6	30
32	Sialic acid-binding Ig-like lectin-7 interacts with HIV-1 gp120 and facilitates infection of CD4pos T cells and macrophages. <i>Retrovirology</i> , <b>2013</b> , 10, 154	3.6	29
31	Calibrated real-time polymerase chain reaction for specific quantitation of HHV-6A and HHV-6B in clinical samples. <i>Journal of Virological Methods</i> , <b>2013</b> , 189, 172-9	2.6	22
30	Comparison of oncogenic HPV type-specific viral DNA load and E6/E7 mRNA detection in cervical samples: results from a multicenter study. <i>Journal of Medical Virology</i> , <b>2013</b> , 85, 472-82	19.7	20
29	A relapsing inflammatory syndrome and active human herpesvirus 8 infection. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 156-63	59.2	20
28	Coinfection of SCID-hu Thy/Liv mice with human herpesvirus 6 and human immunodeficiency virus type 1. <i>Journal of Virology</i> , <b>2000</b> , 74, 8726-31	6.6	19
27	The intracellular detection of MIP-1beta enhances the capacity to detect IFN-gamma mediated HIV-1-specific CD8 T-cell responses in a flow cytometric setting providing a sensitive alternative to the ELISPOT. <i>AIDS Research and Therapy</i> , <b>2008</b> , 5, 22	3	17
26	Activating Killer Immunoglobulin Receptors and HLA-C: a successful combination providing HIV-1 control. <i>Scientific Reports</i> , <b>2017</b> , 7, 42470	4.9	16
25	HHV-8 DNA replication correlates with the clinical status in AIDS-related Kaposi's sarcoma. <i>Journal of Clinical Virology</i> , <b>2016</b> , 78, 47-52	14.5	13
24	Differentiated human neural stem cells: a new ex vivo model to study HHV-6 infection of the central nervous system. <i>Journal of Clinical Virology</i> , <b>2006</b> , 37 Suppl 1, S27-32	14.5	13
23	Retrospective analysis of HHV-8 viremia and cellular viral load in HIV-seropositive patients receiving interleukin 2 in combination with antiretroviral therapy. <i>Blood</i> , <b>2002</b> , 100, 1575-1578	2.2	11
22	HIV-1 Env associates with HLA-C free-chains at the cell membrane modulating viral infectivity. <i>Scientific Reports</i> , <b>2017</b> , 7, 40037	4.9	10
21	Human Natural Killer Receptors, Co-Receptors, and Their Ligands. <i>Current Protocols in Immunology</i> , <b>2018</b> , 121, e47	4	10
20	Detection of ganciclovir resistance mutations by pyrosequencing in HCMV-infected pediatric patients. <i>Journal of Clinical Virology</i> , <b>2012</b> , 54, 48-55	14.5	10
19	A multiplex calibrated real-time PCR assay for quantitation of DNA of EBV-1 and 2. <i>Journal of Virological Methods</i> , <b>2011</b> , 178, 98-105	2.6	10
18	Joint production of prime/boost pairs of Fowlpox Virus and Modified Vaccinia Ankara recombinants carrying the same transgene. <i>Journal of Virological Methods</i> , <b>2011</b> , 174, 22-8	2.6	9

17	Characterization of HIV type 1 genetic diversity among South African participants enrolled in the AIDS Vaccine Integrated Project (AVIP) study. <i>AIDS Research and Human Retroviruses</i> , <b>2010</b> , 26, 705-9	1.6	9
16	Qualitative and quantitative polymerase chain reaction detection of the residual myeloma cell contamination after positive selection of CD34+ cells with small- and large-scale Miltenyi cell sorting system. <i>British Journal of Haematology</i> , <b>2002</b> , 117, 642-5	4.5	9
15	Stability and Expression Levels of HLA-C on the Cell Membrane Modulate HIV-1 Infectivity. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	8
14	Spontaneous control of HIV-1 viremia in a subject with protective HLA-B plus HLA-C alleles and HLA-C associated single nucleotide polymorphisms. <i>Journal of Translational Medicine</i> , <b>2014</b> , 12, 335	8.5	8
13	Molecular study of human herpesvirus 6 and 8 involvement in coronary atherosclerosis and coronary instability. <i>Journal of Medical Virology</i> , <b>2012</b> , 84, 1961-6	19.7	7
12	Human leukocyte antigen-B (-Bw6/-Bw4 I80, T80) and human leukocyte antigen-C (-C1/-C2) subgrouping using pyrosequence analysis. <i>Human Immunology</i> , <b>2011</b> , 72, 859-68	2.3	7
11	Preparing for phase II/III HIV vaccine trials in Africa. <i>Microbes and Infection</i> , <b>2005</b> , 7, 1436-44	9.3	7
10	A new antigen scanning strategy for monitoring HIV-1 specific T-cell immune responses. <i>Journal of Immunological Methods</i> , <b>2012</b> , 375, 46-56	2.5	6
9	Calibration technologies for correct determination of Epstein-Barr Virus, human herpesvirus 6 (HHV-6), and HHV-8 antiviral drug susceptibilities by use of real-time-PCR-based assays. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 2013	9.7	6
8	Nef-specific CD45RA+ CD8+ T cells secreting MIP-1beta but not IFN-gamma are associated with nonprogressive HIV-1 infection. <i>AIDS Research and Therapy</i> , <b>2010</b> , 7, 20	3	6
7	Favorable outcome of ex-vivo purging of monocytes after the reintroduction of treatment after interruption in patients infected with multidrug resistant HIV-1. <i>Journal of Medical Virology</i> , <b>2007</b> , 79, 1640-9	19.7	5
6	The Danger Signal Extracellular ATP Is Involved in the Immunomediated Damage of B̄arcoglycan-Deficient Muscular Dystrophy. <i>American Journal of Pathology</i> , <b>2019</b> , 189, 354-369	5.8	4
5	Characterization of HIV-1 entry inhibitors with broad activity against R5 and X4 viral strains. <i>Journal of Translational Medicine</i> , <b>2015</b> , 13, 107	8.5	2
4	Retrospective analysis of HHV-8 viremia and cellular viral load in HIV-seropositive patients receiving interleukin 2 in combination with antiretroviral therapy. <i>Blood</i> , <b>2002</b> , 100, 1575-8	2.2	2
3	Does cyclosporin A affect CCR5 and CXCR4 expression in primary HIV-1-infected patients?. <i>Cytometry Part B - Clinical Cytometry</i> , <b>2007</b> , 72, 433-41	3.4	1
2	A fast and reliable method for detecting SNP rs67384697 (Hsa-miR-148a binding site) by a single run of allele-specific real-time PCR. <i>Hla</i> , <b>2020</b> , 96, 312-322	1.9	0
1	A Novel System to Discriminate HLA-C mir148a Binding Site by Allele-Specific Quantitative PC R. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2065, 55-64	1.4	