

# Maurizio Zavattoni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4884636/publications.pdf>

Version: 2024-02-01

56  
papers

2,452  
citations

159585

30  
h-index

206112

48  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1804  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Cytomegalovirus in Blood of Immunocompetent Persons during Primary Infection: Prognostic Implications for Pregnancy. <i>Journal of Infectious Diseases</i> , 1998, 177, 1170-1175.	4.0	179
2	Detection of human cytomegalovirus immediate early antigen in leukocytes as a marker of viremia in immunocompromised patients. <i>Journal of Medical Virology</i> , 1989, 29, 88-93.	5.0	117
3	Diagnostic and prognostic value of human cytomegalovirus load and IgM antibody in blood of congenitally infected newborns. <i>Journal of Clinical Virology</i> , 1999, 14, 57-66.	3.1	114
4	Role of prenatal diagnosis and counseling in the management of 735 pregnancies complicated by primary human cytomegalovirus infection: A 20-year experience. <i>Journal of Clinical Virology</i> , 2011, 50, 303-307.	3.1	112
5	Diagnosis and Outcome of Preconceptional and Periconceptional Primary Human Cytomegalovirus Infections. <i>Journal of Infectious Diseases</i> , 2002, 186, 553-557.	4.0	111
6	Development of Human Cytomegalovirus-Specific T Cell Immunity during Primary Infection of Pregnant Women and Its Correlation with Virus Transmission to the Fetus. <i>Journal of Infectious Diseases</i> , 2007, 195, 1062-1070.	4.0	108
7	Virus and Antibody Dynamics in Travelers With Acute Zika Virus Infection. <i>Clinical Infectious Diseases</i> , 2018, 66, 1173-1180.	5.8	98
8	Human Cytomegalovirus Genomes Sequenced Directly From Clinical Material: Variation, Multiple-Strain Infection, Recombination, and Gene Loss. <i>Journal of Infectious Diseases</i> , 2019, 220, 781-791.	4.0	84
9	Polymerase chain reaction for prenatal diagnosis of congenital human cytomegalovirus infection. <i>Journal of Medical Virology</i> , 1995, 47, 462-466.	5.0	82
10	Improved prenatal diagnosis of congenital human cytomegalovirus infection by a modified nested polymerase chain reaction. <i>Journal of Medical Virology</i> , 1998, 56, 99-103.	5.0	81
11	Quantification of Human Cytomegalovirus DNA in Amniotic Fluid of Mothers of Congenitally Infected Fetuses. <i>Journal of Clinical Microbiology</i> , 1999, 37, 3350-3352.	3.9	80
12	GANCICLOVIR RESISTANCE AS A RESULT OF ORAL GANCICLOVIR IN A HEART TRANSPLANT RECIPIENT WITH MULTIPLE HUMAN CYTOMEGALOVIRUS STRAINS IN BLOOD <sup>1,2</sup> . <i>Transplantation</i> , 1998, 66, 324-329.	1.0	74
13	Monoclonal antibodies versus reverse transcription-PCR for detection of respiratory viruses in a patient population with respiratory tract infections admitted to hospital. <i>Journal of Medical Virology</i> , 2005, 75, 336-347.	5.0	70
14	Monitoring of ganciclovir sensitivity of multiple human cytomegalovirus strains coinfecting blood of an AIDS patient by an immediate-early antigen plaque assay. <i>Antiviral Research</i> , 1992, 19, 333-345.	4.1	69
15	Clinical Significance of Expression of Human Cytomegalovirus pp67 Late Transcript in Heart, Lung, and Bone Marrow Transplant Recipients as Determined by Nucleic Acid Sequence-Based Amplification. <i>Journal of Clinical Microbiology</i> , 1999, 37, 902-911.	3.9	64
16	Quantitation of herpes simplex virus DNA in cerebrospinal fluid of patients with herpes simplex encephalitis by the polymerase chain reaction. <i>Clinical and Diagnostic Virology</i> , 1997, 7, 183-191.	1.7	62
17	Preconceptional Primary Human Cytomegalovirus Infection and Risk of Congenital Infection. <i>Journal of Infectious Diseases</i> , 2006, 193, 783-787.	4.0	62
18	Lymphoproliferative Response in Primary Human Cytomegalovirus (HCMV) Infection Is Delayed in HCMV Transmitter Mothers. <i>Journal of Infectious Diseases</i> , 2006, 193, 269-276.	4.0	62

#	ARTICLE	IF	CITATIONS
19	HUMAN CYTOMEGALOVIRUS (HCMV) LEUKODNAEMIA CORRELATES MORE CLOSELY WITH CLINICAL SYMPTOMS THAN ANTIGENEMIA AND VIREMIA IN HEART AND HEART-LUNG TRANSPLANT RECIPIENTS WITH PRIMARY HCMV INFECTION <sup>1</sup> . <i>Transplantation</i> , 1998, 65, 1378-1385.	1.0	58
20	Human Cytomegalovirus (HCMV) DNAemia in the Mother at Amniocentesis as a Risk Factor for Iatrogenic HCMV Infection of the Fetus. <i>Journal of Infectious Diseases</i> , 2008, 197, 593-596.	4.0	55
21	Short Communication: Geographic and Demographic Differences in the Frequency of Human Cytomegalovirus gB Genotypes 1â€“4 in Immunocompromised Patients. <i>AIDS Research and Human Retroviruses</i> , 1998, 14, 533-536.	1.1	50
22	Analysis of HIV drug-resistant quasispecies in plasma, peripheral blood mononuclear cells and viral isolates from treatment-naïve and HAART patients. <i>Journal of Medical Virology</i> , 2001, 65, 207-217.	5.0	44
23	Human Cytomegalovirus Immediateâ€“Early Messenger RNA in Blood of Pregnant Women with Primary Infection and of Congenitally Infected Newborns. <i>Journal of Infectious Diseases</i> , 2001, 184, 1078-1081.	4.0	40
24	Rising Levels of Human Cytomegalovirus (HCMV) Antigenemia during Initial Antiviral Treatment of Solid-Organ Transplant Recipients with Primary HCMV Infection. <i>Journal of Clinical Microbiology</i> , 1998, 36, 1113-1116.	3.9	38
25	Slow increase in IgG avidity correlates with prevention of human cytomegalovirus transmission to the fetus. <i>Journal of Medical Virology</i> , 2013, 85, 1960-1967.	5.0	37
26	Prenatal Diagnostic and Prognostic Value of Human Cytomegalovirus Load and IgM Antibody Response in Blood of Congenitally Infected Fetuses. <i>Journal of Infectious Diseases</i> , 1999, 180, 1320-1323.	4.0	36
27	Prenatal Diagnosis of Congenital Human Cytomegalovirus Infection in Amniotic Fluid by Nucleic Acid Sequence-Based Amplification Assay. <i>Journal of Clinical Microbiology</i> , 2003, 41, 1772-1774.	3.9	36
28	Molecular epidemiology of primary human cytomegalovirus infection in pregnant women and their families. <i>Journal of Medical Virology</i> , 2008, 80, 1415-1425.	5.0	36
29	Kinetics of Effector Functions and Phenotype of Virus-Specific and Î³Î³ T Lymphocytes in Primary Human Cytomegalovirus Infection During Pregnancy. <i>Journal of Clinical Immunology</i> , 2011, 31, 1054-1064.	3.8	36
30	Early virus isolation, early structural antigen detection and DNA amplification by the polymerase chain reaction in polymorphonuclear leukocytes from AIDS patients with human cytomegalovirus viraemia. <i>Molecular and Cellular Probes</i> , 1991, 5, 365-374.	2.1	34
31	Human Cytomegalovirusâ€“Specific Memory CD4+ T-Cell Response and Its Correlation With Virus Transmission to the Fetus in Pregnant Women With Primary Infection. <i>Clinical Infectious Diseases</i> , 2017, 65, 1659-1665.	5.8	33
32	Declining Levels of Rescued Lymphoproliferative Response to Human Cytomegalovirus (HCMV) in AIDS Patients With or Without HCMV Disease Following Long-Term HAART. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2001, 28, 320-331.	2.1	26
33	Primary HCMV infection in pregnancy from classic data towards metabolomics: An exploratory analysis. <i>Clinica Chimica Acta</i> , 2016, 460, 23-32.	1.1	23
34	Multivariate data validation for investigating primary HCMV infection in pregnancy. <i>Data in Brief</i> , 2016, 9, 220-230.	1.0	22
35	Circulating cytomegalic endothelial cells are associated with high human cytomegalovirus (HCMV) load in AIDS patients with late-stage disseminated HCMV disease. , 1998, 55, 64-74.		20
36	Gln145Met/Leu Changes in Human Immunodeficiency Virus Type 1 Reverse Transcriptase Confer Resistance to Nucleoside and Nonnucleoside Analogs and Impair Virus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 4611-4617.	3.2	20

#	ARTICLE	IF	CITATIONS
37	Maternal, fetal, and neonatal parameters for prognosis and counseling of HCMV congenital infection. <i>Journal of Medical Virology</i> , 2014, 86, 2163-2170.	5.0	19
38	Primary human cytomegalovirus infections: Kinetics of ELISA-IgG and neutralizing antibody in pauci/asymptomatic pregnant women vs symptomatic non-pregnant subjects. <i>Journal of Clinical Virology</i> , 2015, 64, 45-51.	3.1	16
39	Risk of congenital disease in 46 infected fetuses according to gestational age of primary human cytomegalovirus infection in the mother. <i>Journal of Medical Virology</i> , 2016, 88, 120-126.	5.0	16
40	Multiple ganciclovir-resistant strains in a newborn with symptomatic congenital human cytomegalovirus infection. <i>Journal of Clinical Virology</i> , 2012, 54, 86-88.	3.1	15
41	Monitoring of human cytomegalovirus DNAemia during primary infection in transmitter and non-transmitter mothers. <i>Journal of Clinical Virology</i> , 2016, 82, 89-93.	3.1	13
42	Diagnosis of human cytomegalovirus infections in the immunocompromised host. <i>Clinical and Diagnostic Virology</i> , 1996, 5, 181-186.	1.7	12
43	Diagnosis and counseling of fetal and neonatal HCMV infection. <i>Early Human Development</i> , 2014, 90, S29-S31.	1.8	11
44	Comparison of levels of HIV-1 resistance to protease inhibitors by recombinant versus conventional virus phenotypic assay and two genotypic interpretation procedures in treatment-naïve and HAART-experienced HIV-infected patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 135-139.	3.0	10
45	Pitfalls in the Serological Diagnosis of Primary Human Cytomegalovirus Infection in Pregnancy Due to Different Kinetics of IgM Clearance and IgG Avidity Index Maturation. <i>Diagnostics</i> , 2021, 11, 396.	2.6	10
46	Comparative quantification of human cytomegalovirus DNA in blood of immunocompromised patients by PCR and Murex Hybrid Capture <sup>®</sup> , <sup>®</sup> System. <i>Clinical and Diagnostic Virology</i> , 1997, 8, 159-165.	1.7	9
47	The Stereoselective Targeting of a Specific Enzyme-Substrate Complex Is the Molecular Mechanism for the Synergic Inhibition of HIV-1 Reverse Transcriptase by (R)-( $\hat{\alpha}$ )-PPO464. <i>Journal of Biological Chemistry</i> , 2001, 276, 44653-44662.	3.4	9
48	Onset of valganciclovir resistance in two infants with congenital cytomegalovirus infection. <i>International Journal of Infectious Diseases</i> , 2020, 98, 150-152.	3.3	9
49	False human cytomegalovirus IgG-positivity at prenatal screening. <i>Journal of Clinical Virology</i> , 2018, 104, 34-38.	3.1	7
50	Miscarriage following dengue virus 3 infection in the first six weeks of pregnancy of a dengue virus-naïve traveller returning from Bali to Italy, April 2016. <i>Eurosurveillance</i> , 2016, 21, .	7.0	6
51	Novel recombinant phenotypic assay for clonal analysis of reverse transcriptase mutations conferring drug resistance to HIV-1 variants. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 766-771.	3.0	5
52	Lack of seasonality of primary human cytomegalovirus infection in pregnancy. <i>Journal of Clinical Virology</i> , 2012, 53, 370-371.	3.1	4
53	Neonatal HCMV-related polymicrogyria in seroimmune women: What is the optimal pregnancy management?. <i>Journal of Clinical Virology</i> , 2018, 108, 141-146.	3.1	3
54	Zika Virus Infection in Pregnancy: Advanced Diagnostic Approaches in Dengue-Naïve and Dengue-Experienced Pregnant Women and Possible Implication for Cross-Reactivity and Cross-Protection. <i>Microorganisms</i> , 2020, 8, 56.	3.6	3

#	ARTICLE	IF	CITATIONS
55	Reply to Fontaine. <i>Clinical Infectious Diseases</i> , 2018, 67, 1144-1145.	5.8	2
56	Severe Fetal Symptomatic Infection from Human Cytomegalovirus following Nonprimary Maternal Infection: Report of Two Cases. <i>Fetal Diagnosis and Therapy</i> , 2022, 49, 36-40.	1.4	0