

# Giuseppe Gerna

## List of Publications by Year in descending order

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198  
papers

11,374  
citations

20817

60  
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37204

96  
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199  
all docs

199  
docs citations

199  
times ranked

6573  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis and Management of Human Cytomegalovirus Infection in the Mother, Fetus, and Newborn Infant. <i>Clinical Microbiology Reviews</i> , 2002, 15, 680-715.	13.6	516
2	Human Cytomegalovirus UL131-128 Genes Are Indispensable for Virus Growth in Endothelial Cells and Virus Transfer to Leukocytes. <i>Journal of Virology</i> , 2004, 78, 10023-10033.	3.4	441
3	A Randomized Trial of Hyperimmune Globulin to Prevent Congenital Cytomegalovirus. <i>New England Journal of Medicine</i> , 2014, 370, 1316-1326.	27.0	413
4	Isolation of Human Monoclonal Antibodies That Potently Neutralize Human Cytomegalovirus Infection by Targeting Different Epitopes on the gH/gL/UL128-131A Complex. <i>Journal of Virology</i> , 2010, 84, 1005-1013.	3.4	299
5	Infusion of autologous Epstein-Barr virus (EBV)-specific cytotoxic T cells for prevention of EBV-related lymphoproliferative disorder in solid organ transplant recipients with evidence of active virus replication. <i>Blood</i> , 2002, 99, 2592-2598.	1.4	230
6	Are Human P[14] Rotavirus Strains the Result of Interspecies Transmissions from Sheep or Other Ungulates That Belong to the Mammalian Order <i>Artiodactyla</i> ?. <i>Journal of Virology</i> , 2009, 83, 2917-2929.	3.4	202
7	Dendritic-cell infection by human cytomegalovirus is restricted to strains carrying functional UL131-128 genes and mediates efficient viral antigen presentation to CD8+ T cells. <i>Journal of General Virology</i> , 2005, 86, 275-284.	2.9	185
8	Human Cytomegalovirus Infection of the Major Leukocyte Subpopulations and Evidence for Initial Viral Replication in Polymorphonuclear Leukocytes from Viremic Patients. <i>Journal of Infectious Diseases</i> , 1992, 166, 1236-1244.	4.0	183
9	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
10	Fetal Human Cytomegalovirus Transmission Correlates with Delayed Maternal Antibodies to gH/gL/pUL128-130-131 Complex during Primary Infection. <i>PLoS ONE</i> , 2013, 8, e59863.	2.5	170
11	Prevention of Primary Cytomegalovirus Infection in Pregnancy. <i>EBioMedicine</i> , 2015, 2, 1205-1210.	6.1	170
12	Human cytomegalovirus serum neutralizing antibodies block virus infection of endothelial/epithelial cells, but not fibroblasts, early during primary infection. <i>Journal of General Virology</i> , 2008, 89, 853-865.	2.9	164
13	Sequential mutations associated with adaptation of human cytomegalovirus to growth in cell culture. <i>Journal of General Virology</i> , 2010, 91, 1535-1546.	2.9	164
14	Genetic variability of human coronavirus OC43-, 229E-, and NL63-like strains and their association with lower respiratory tract infections of hospitalized infants and immunocompromised patients. <i>Journal of Medical Virology</i> , 2006, 78, 938-949.	5.0	156
15	High Levels of Epstein-Barr Virus DNA in Blood of Solid-Organ Transplant Recipients and Their Value in Predicting Posttransplant Lymphoproliferative Disorders. <i>Journal of Clinical Microbiology</i> , 2000, 38, 613-619.	3.9	156
16	Human Cytomegalovirus Replicates Abortively in Polymorphonuclear Leukocytes after Transfer from Infected Endothelial Cells via Transient Microfusion Events. <i>Journal of Virology</i> , 2000, 74, 5629-5638.	3.4	145
17	Monitoring of Human Cytomegalovirus-Specific CD4+ and CD8+ T-Cell Immunity in Patients Receiving Solid Organ Transplantation. <i>American Journal of Transplantation</i> , 2006, 6, 2356-2364.	4.7	143
18	Pathogenesis and prenatal diagnosis of human cytomegalovirus infection. <i>Journal of Clinical Virology</i> , 2004, 29, 71-83.	3.1	133

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19	Human cytomegalovirus tropism for endothelial/epithelial cells: scientific background and clinical implications. <i>Reviews in Medical Virology</i> , 2010, 20, 136-155.	8.3	130
20	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
21	The Human Cytomegalovirus Ribonucleotide Reductase Homolog UL45 Is Dispensable for Growth in Endothelial Cells, as Determined by a BAC-Cloned Clinical Isolate of Human Cytomegalovirus with Preserved Wild-Type Characteristics. <i>Journal of Virology</i> , 2002, 76, 9551-9555.	3.4	116
22	Antibody-driven design of a human cytomegalovirus gHgLpUL128L subunit vaccine that selectively elicits potent neutralizing antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17965-17970.	7.1	116
23	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
24	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
25	Diagnosis and Outcome of Preconceptional and Periconceptional Primary Human Cytomegalovirus Infections. <i>Journal of Infectious Diseases</i> , 2002, 186, 553-557.	4.0	111
26	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
27	Human respiratory coronavirus HKU1 versus other coronavirus infections in Italian hospitalised patients. <i>Journal of Clinical Virology</i> , 2007, 38, 244-250.	3.1	107
28	Quantification of human cytomegalovirus DNA in peripheral blood polymorphonuclear leukocytes of immunocompromised patients by the polymerase chain reaction. <i>Journal of Virological Methods</i> , 1993, 44, 45-55.	2.1	105
29	Pathogenesis of human cytomegalovirus infection and cellular targets. <i>Human Immunology</i> , 2004, 65, 381-386.	2.4	105
30	Impact of human metapneumovirus and human cytomegalovirus versus other respiratory viruses on the lower respiratory tract infections of lung transplant recipients. <i>Journal of Medical Virology</i> , 2006, 78, 408-416.	5.0	100
31	Correlation of rhinovirus load in the respiratory tract and clinical symptoms in hospitalized immunocompetent and immunocompromised patients. <i>Journal of Medical Virology</i> , 2009, 81, 1498-1507.	5.0	100
32	Human cytomegalovirus-specific CD4+ and CD8+ T-cell reconstitution in adult allogeneic hematopoietic stem cell transplant recipients and immune control of viral infection. <i>Haematologica</i> , 2008, 93, 248-256.	3.5	96
33	In vitro selection of human cytomegalovirus variants unable to transfer virus and virus products from infected cells to polymorphonuclear leukocytes and to grow in endothelial cells. <i>Journal of General Virology</i> , 2001, 82, 1429-1438.	2.9	96
34	Prospective simultaneous quantification of human cytomegalovirus-specific CD4+ and CD8+ T-cell reconstitution in young recipients of allogeneic hematopoietic stem cell transplants. <i>Blood</i> , 2006, 108, 1406-1412.	1.4	88
35	Human cytomegalovirus viraemia in HIV-1-seropositive patients at various clinical stages of infection. <i>Aids</i> , 1990, 4, 1027-1032.	2.2	87
36	Transmission of Human Cytomegalovirus from Infected Uterine Microvascular Endothelial Cells to Differentiating/Invasive Placental Cytotrophoblasts. <i>Virology</i> , 2002, 304, 53-69.	2.4	87

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37	Antibodies Against Neutralization Epitopes of Human Cytomegalovirus gH/gL/pUL128-130-131 Complex and Virus Spreading May Correlate with Virus Control In Vivo. <i>Journal of Clinical Immunology</i> , 2012, 32, 1324-1331.	3.8	87
38	Virologic and Immunologic Monitoring of Cytomegalovirus to Guide Preemptive Therapy in Solid-Organ Transplantation. <i>American Journal of Transplantation</i> , 2011, 11, 2463-2471.	4.7	85
39	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
40	Polymerase chain reaction for prenatal diagnosis of congenital human cytomegalovirus infection. <i>Journal of Medical Virology</i> , 1995, 47, 462-466.	5.0	82
41	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
42	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
43	Clinical and biologic aspects of human cytomegalovirus resistance to antiviral drugs. <i>Human Immunology</i> , 2004, 65, 403-409.	2.4	78
44	Comparative evaluation of eight commercial human cytomegalovirus IgG avidity assays. <i>Journal of Clinical Virology</i> , 2010, 48, 255-259.	3.1	77
45	Interferon- $\beta$ Increases Expression of Chemokine Receptors CCR1, CCR3, and CCR5, But Not CXCR4 in Monocytoid U937 Cells. <i>Blood</i> , 1998, 91, 4444-4450.	1.4	74
46	Use of a DNAemia cut-off for monitoring human cytomegalovirus infection reduces the number of preemptively treated children and young adults receiving hematopoietic stem-cell transplantation compared with qualitative pp65 antigenemia. <i>Blood</i> , 2007, 110, 2757-2760.	1.4	74
47	Monitoring human cytomegalovirus infection in transplant recipients. <i>Journal of Clinical Virology</i> , 2008, 41, 237-241.	3.1	74
48	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
49	CLINICAL AND VIROLOGICAL MONITORING OF HUMAN CYTOMEGALOVIRUS INFECTION IN 294 HEART TRANSPLANT RECIPIENTS. <i>Transplantation</i> , 1995, 59, 847-850.	1.0	73
50	The Cys607 $\rightarrow$ Tyr Change in the UL97 Phosphotransferase Confers Ganciclovir Resistance to Two Human Cytomegalovirus Strains Recovered from Two Immunocompromised Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 444-446.	3.2	72
51	Human cytomegalovirus (HCMV) infection in paediatric patients given allogeneic bone marrow transplantation: role of early antiviral treatment for HCMV antigenaemia on Patients' outcome. <i>British Journal of Haematology</i> , 1994, 88, 64-71.	2.5	71
52	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
53	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
54	Human Cytomegalovirus-Specific Memory CD8 <sup>+</sup> and CD4 <sup>+</sup> T Cell Differentiation after Primary Infection. <i>Journal of Infectious Diseases</i> , 2008, 198, 536-543.	4.0	69

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55	Simultaneous quantification of human cytomegalovirus (HCMV)-specific CD4+ and CD8+ T cells by a novel method using monocyte-derived HCMV-infected immature dendritic cells. <i>European Journal of Immunology</i> , 2005, 35, 1795-1804.	2.9	66
56	Quantitation of human cytomegalovirus DNA in bone marrow transplant recipients. <i>British Journal of Haematology</i> , 1995, 91, 674-683.	2.5	65
57	Human cytomegalovirus immediate-early mRNAemia versus pp65 antigenemia for guiding pre-emptive therapy in children and young adults undergoing hematopoietic stem cell transplantation: a prospective, randomized, open-label trial. <i>Blood</i> , 2003, 101, 5053-5060.	1.4	65
58	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
59	Rapid Detection of Human Metapneumovirus Strains in Nasopharyngeal Aspirates and Shell Vial Cultures by Monoclonal Antibodies. <i>Journal of Clinical Microbiology</i> , 2005, 43, 3443-3446.	3.9	63
60	Monoclonal Antibodies to Different Components of the Human Cytomegalovirus (HCMV) Pentamer gH/gL/pUL128L and Trimer gH/gL/gO as well as Antibodies Elicited during Primary HCMV Infection Prevent Epithelial Cell Syncytium Formation. <i>Journal of Virology</i> , 2016, 90, 6216-6223.	3.4	63
61	Preconceptional Primary Human Cytomegalovirus Infection and Risk of Congenital Infection. <i>Journal of Infectious Diseases</i> , 2006, 193, 783-787.	4.0	62
62	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
63	Standardization of the Human Cytomegalovirus Antigenemia Assay by Means of In Vitro-Generated pp65-Positive Peripheral Blood Polymorphonuclear Leukocytes. <i>Journal of Clinical Microbiology</i> , 1998, 36, 3585-3589.	3.9	62
64	The immunosuppression and potential for EBV reactivation of fludarabine combined with cyclophosphamide and dexamethasone in patients with lymphoproliferative disorders. <i>British Journal of Haematology</i> , 1999, 107, 877-882.	2.5	61
65	Serum antibody response to the gH/gL/pUL128-131 five-protein complex of human cytomegalovirus (HCMV) in primary and reactivated HCMV infections. <i>Journal of Clinical Virology</i> , 2011, 52, 113-118.	3.1	61
66	Sequencing and Analysis of Globally Obtained Human Respiratory Syncytial Virus A and B Genomes. <i>PLoS ONE</i> , 2015, 10, e0120098.	2.5	61
67	Human Cytomegalovirus Cell Tropism and Host Cell Receptors. <i>Vaccines</i> , 2019, 7, 70.	4.4	61
68	Identification of a New VP4 Serotype of Human Rotaviruses. <i>Virology</i> , 1994, 200, 66-71.	2.4	59
69	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
70	Human Cytomegalovirus Immediate-Early mRNA Detection by Nucleic Acid Sequence-Based Amplification as a New Parameter for Preemptive Therapy in Bone Marrow Transplant Recipients. <i>Journal of Clinical Microbiology</i> , 2000, 38, 1845-1853.	3.9	58
71	Validation of a DNAemia cutoff for preemptive therapy of cytomegalovirus infection in adult hematopoietic stem cell transplant recipients. <i>Bone Marrow Transplantation</i> , 2008, 41, 873-879.	2.4	55
72	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

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73	Genotypic analysis of two hypervariable human cytomegalovirus genes. <i>Journal of Medical Virology</i> , 2008, 80, 1615-1623.	5.0	54
74	Double resistance to ganciclovir and foscarnet of four human cytomegalovirus strains recovered from AIDS patients. <i>Journal of Medical Virology</i> , 1995, 47, 237-244.	5.0	53
75	Detection and pathogenicity of human metapneumovirus respiratory infection in pediatric Italian patients during a winter-spring season. <i>Journal of Clinical Virology</i> , 2006, 35, 59-68.	3.1	53
76	Monitoring of Human Cytomegalovirus and Virus-Specific T-Cell Response in Young Patients Receiving Allogeneic Hematopoietic Stem Cell Transplantation. <i>PLoS ONE</i> , 2012, 7, e41648.	2.5	53
77	Development and evaluation of a capture ELISA for IgM antibody to the human cytomegalovirus major DNA binding protein. <i>Journal of Virological Methods</i> , 1991, 35, 315-329.	2.1	51
78	Short Communication: Geographic and Demographic Differences in the Frequency of Human Cytomegalovirus gB Genotypes 1-4 in Immunocompromised Patients. <i>AIDS Research and Human Retroviruses</i> , 1998, 14, 533-536.	1.1	50
79	Prenatal diagnosis of congenital human cytomegalovirus infection. <i>Prenatal Diagnosis</i> , 1994, 14, 903-906.	2.3	49
80	Human cytomegalovirus pp67 mRNAemia versus pp65 antigenemia for guiding preemptive therapy in heart and lung transplant recipients: a prospective, randomized, controlled, open-label trial. <i>Transplantation</i> , 2003, 75, 1012-1019.	1.0	49
81	Phylogenetic Patterns of Human Respiratory Picornavirus Species, Including the Newly Identified Group C Rhinoviruses, during a 1-Year Surveillance of a Hospitalized Patient Population in Italy. <i>Journal of Clinical Microbiology</i> , 2011, 49, 373-376.	3.9	49
82	Human rhinovirus and human respiratory enterovirus (EV68 and EV104) infections in hospitalized patients in Italy, 2008-2009. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 73, 162-167.	1.8	48
83	Evaluation of cytomegalovirus DNAemia versus pp65-antigenaemia cutoff for guiding preemptive therapy in transplant recipients: a randomized study. <i>Antiviral Therapy</i> , 2007, 12, 63-72.	1.0	47
84	Prevalence of Human Rotavirus Serotypes in Some European Countries 1981-1988. <i>Scandinavian Journal of Infectious Diseases</i> , 1990, 22, 5-10.	1.5	46
85	Mutations in the UL97 ORF of ganciclovir-resistant clinical cytomegalovirus isolates differentially affect GCV phosphorylation as determined in a recombinant vaccinia virus system. <i>Antiviral Research</i> , 2002, 54, 59-67.	4.1	46
86	Inconsistent Responses of Cytomegalovirus-Specific T Cells to pp65 and IE1 versus Infected Dendritic Cells in Organ Transplant Recipients. <i>American Journal of Transplantation</i> , 2007, 7, 1997-2005.	4.7	45
87	Prophylaxis Followed by Preemptive Therapy Versus Preemptive Therapy for Prevention of Human Cytomegalovirus Disease in Pediatric Patients Undergoing Liver Transplantation. <i>Transplantation</i> , 2008, 86, 163-166.	1.0	45
88	Analysis of HIV drug-resistant quasispecies in plasma, peripheral blood mononuclear cells and viral isolates from treatment-naive and HAART patients. <i>Journal of Medical Virology</i> , 2001, 65, 207-217.	5.0	44
89	Human parechovirus infections in patients admitted to hospital in Northern Italy, 2008-2010. <i>Journal of Medical Virology</i> , 2012, 84, 686-690.	5.0	44
90	Epstein-Barr virus (EBV) load and interleukin-10 in EBV-positive and EBV-negative post-transplant lymphoproliferative disorders. <i>British Journal of Haematology</i> , 2003, 122, 927-933.	2.5	42

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91	Human Cytomegalovirus (HCMV)-Specific CD4+ and CD8+ T Cells Are Both Required for Prevention of HCMV Disease in Seropositive Solid-Organ Transplant Recipients. <i>PLoS ONE</i> , 2014, 9, e106044.	2.5	42
92	Human Cytomegalovirus Immediate-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
93	Rescue of human cytomegalovirus strain AD169 tropism for both leukocytes and human endothelial cells. <i>Journal of General Virology</i> , 2003, 84, 1431-1436.	2.9	40
94	Maternal immune correlates of protection from human cytomegalovirus transmission to the fetus after primary infection in pregnancy. <i>Reviews in Medical Virology</i> , 2017, 27, e1921.	8.3	40
95	Preemptive Therapy for Systemic and Pulmonary Human Cytomegalovirus Infection in Lung Transplant Recipients. <i>American Journal of Transplantation</i> , 2009, 9, 1142-1150.	4.7	39
96	Multicenter nosocomial outbreak of parainfluenza virus type 3 infection in a pediatric oncohematology unit: a phylogenetic study. <i>Haematologica</i> , 2009, 94, 833-839.	3.5	38
97	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
98	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
99	Hyperimmune Globulin to Prevent Congenital CMV Infection. <i>New England Journal of Medicine</i> , 2014, 370, 2543-2545.	27.0	37
100	Prenatal treatment of congenital human cytomegalovirus infection by fetal intravascular administration of ganciclovir. <i>Clinical and Diagnostic Virology</i> , 1993, 1, 61-67.	1.7	36
101	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
102	A comparison of methods for detecting adenovirus type 8 keratoconjunctivitis during a nosocomial outbreak in a Neonatal Intensive Care Unit. <i>Journal of Clinical Virology</i> , 2003, 28, 257-264.	3.1	36
103	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
104	Clinically-based determination of safe DNAemia cutoff levels for preemptive therapy or human cytomegalovirus infections in solid organ and hematopoietic stem cell transplant recipients. <i>Journal of Medical Virology</i> , 2004, 73, 412-418.	5.0	36
105	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
106	Kinetics of Effector Functions and Phenotype of Virus-Specific and $\gamma\delta$ T Lymphocytes in Primary Human Cytomegalovirus Infection During Pregnancy. <i>Journal of Clinical Immunology</i> , 2011, 31, 1054-1064.	3.8	36
107	Reconstitution of Human Cytomegalovirus-Specific CD4 + T Cells is Critical for Control of Virus Reactivation in Hematopoietic Stem Cell Transplant Recipients but Does Not Prevent Organ Infection. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 2192-2202.	2.0	36
108	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

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109	Human respiratory syncytial virus (hRSV) RNA quantification in nasopharyngeal secretions identifies the hRSV etiologic role in acute respiratory tract infections of hospitalized infants. <i>Journal of Clinical Virology</i> , 2007, 39, 119-124.	3.1	34
110	Lack of transmission to polymorphonuclear leukocytes and human umbilical vein endothelial cells as a marker of attenuation of human cytomegalovirus. <i>Journal of Medical Virology</i> , 2002, 66, 335-339.	5.0	33
111	Cytomegalovirus DNAemia in pregnant women. <i>Journal of Clinical Virology</i> , 2014, 61, 590-592.	3.1	32
112	Human cytomegalovirus (HCMV) infection/re-infection: development of a protective HCMV vaccine. <i>New Microbiologica</i> , 2019, 42, 1-20.	0.1	32
113	Correlation of quantitative human cytomegalovirus pp65-, p72- and p150-antigenemia, viremia and circulating endothelial giant cells with clinical symptoms and antiviral treatment in immunocompromised patients. <i>Clinical and Diagnostic Virology</i> , 1993, 1, 47-59.	1.7	31
114	Comparative magnitude and kinetics of human cytomegalovirus-specific CD4 <sup>+</sup> and CD8 <sup>+</sup> T cell responses in pregnant women with primary versus remote infection and in transmitting versus non-transmitting mothers: Its utility for dating primary infection in pregnancy. <i>Journal of Medical Virology</i> , 2016, 88, 1238-1246.	5.0	31
115	HCV genotyping by three methods: analysis of discordant results based on sequencing. <i>Journal of Clinical Virology</i> , 1999, 13, 121-130.	3.1	30
116	The attenuated Towne strain of human cytomegalovirus may revert to both endothelial cell tropism and leuko- (neutrophil- and monocyte-) tropism in vitro. <i>Journal of General Virology</i> , 2002, 83, 1993-2000.	2.9	30
117	The pentameric complex of human Cytomegalovirus: cell tropism, virus dissemination, immune response and vaccine development. <i>Journal of General Virology</i> , 2017, 98, 2215-2234.	2.9	30
118	Human cytomegalovirus resistance to antiviral drugs: diagnosis, monitoring and clinical impact. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 52, 324-330.	3.0	29
119	Diagnosis and implications of human cytomegalovirus infection in pregnancy. <i>Fetal and Maternal Medicine Review</i> , 1999, 11, 117-134.	0.3	28
120	In Vitro Model for the Study of the Dissociation of Increasing Antigenemia and Decreasing DNAemia and Viremia during Treatment of Human Cytomegalovirus Infection with Ganciclovir in Transplant Recipients. <i>Journal of Infectious Diseases</i> , 2003, 188, 1639-1647.	4.0	28
121	Human Cytomegalovirus-Specific T Cell Reconstitution in Young Patients Receiving T Cell-Depleted, Allogeneic Hematopoietic Stem Cell Transplantation. <i>Journal of Infectious Diseases</i> , 2009, 199, 829-836.	4.0	28
122	Human cytomegalovirus-specific CD4 <sup>+</sup> and CD8 <sup>+</sup> T cell responses in primary infection of the immunocompetent and the immunocompromised host. <i>Clinical Immunology</i> , 2009, 131, 395-403.	3.2	28
123	Rising antigenemia levels may be misleading in pre-emptive therapy of human cytomegalovirus infection in allogeneic hematopoietic stem cell transplant recipients. <i>Haematologica</i> , 2005, 90, 526-33.	3.5	28
124	Use of the human cytomegalovirus (HCMV) antigenemia assay for diagnosis and monitoring of HCMV infections and detection of antiviral drug resistance in the immunocompromised. <i>Journal of Clinical Virology</i> , 1998, 11, 51-60.	3.1	27
125	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
126	Human Cytomegalovirus and Human Umbilical Vein Endothelial Cells: Restriction of Primary Isolation to Blood Samples and Susceptibilities of Clinical Isolates from Other Sources to Adaptation. <i>Journal of Clinical Microbiology</i> , 2002, 40, 233-238.	3.9	26



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127	Phylogenetic Analysis of Rubella Virus Isolated during a Period of Epidemic Transmission in Italy, 1991â€“1997. <i>Journal of Infectious Diseases</i> , 2003, 187, 1587-1597.	4.0	26
128	Enterovirus Genotype EV-104 in Humans, Italy, 2008â€“2009. <i>Emerging Infectious Diseases</i> , 2010, 16, 1018-1021.	4.3	26
129	Differential kinetics of human cytomegalovirus load and antibody responses in primary infection of the immunocompetent and immunocompromised host. <i>Journal of General Virology</i> , 2015, 96, 360-369.	2.9	26
130	Quantification of the impact of HIV-1 reverse transcriptase and protease mutations on the efficacy of rescue HAART. <i>Antiviral Research</i> , 2000, 45, 101-114.	4.1	24
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