

# Giuseppe Gerna

## List of Publications by Year in descending order

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198  
papers

11,374  
citations

20817

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37204

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199  
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199  
docs citations

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times ranked

6573  
citing authors

#	ARTICLE	IF	CITATIONS
1	Slow cytomegalovirus-specific CD4 <sup>+</sup> and CD8 <sup>+</sup> T cell differentiation: 10-year follow-up of primary infection in a small number of immunocompetent hosts. <i>European Journal of Immunology</i> , 2021, 51, 253-256.	2.9	2
2	Early T cell reconstitution and cytokine profile may help to guide a personalized management of human cytomegalovirus infection after allogeneic hematopoietic stem cell transplantation. <i>Journal of Clinical Virology</i> , 2021, 135, 104734.	3.1	5
3	Detection of Genotype-Specific Antibody Responses to Glycoproteins B and H in Primary and Non-Primary Human Cytomegalovirus Infections by Peptide-Based ELISA. <i>Viruses</i> , 2021, 13, 399.	3.3	4
4	Congenital Human Cytomegalovirus Infection: A Narrative Review of Maternal Immune Response and Diagnosis in View of the Development of a Vaccine and Prevention of Primary and Non-Primary Infections in Pregnancy. <i>Microorganisms</i> , 2021, 9, 1749.	3.6	10
5	Human Cytomegalovirus Congenital (cCMV) Infection Following Primary and Nonprimary Maternal Infection: Perspectives of Prevention through Vaccine Development. <i>Vaccines</i> , 2020, 8, 194.	4.4	7
6	Analysis of the SARS-CoV-2 epidemic in Italy: The role of local and interventional factors in the control of the epidemic. <i>PLoS ONE</i> , 2020, 15, e0242305.	2.5	10
7	An overview of letermovir: a cytomegalovirus prophylactic option. <i>Expert Opinion on Pharmacotherapy</i> , 2019, 20, 1429-1438.	1.8	17
8	Brief molecular diagnostic criteria for human cytomegalovirus infection/disease. <i>Expert Review of Molecular Diagnostics</i> , 2019, 19, 773-775.	3.1	2
9	Human Cytomegalovirus Cell Tropism and Host Cell Receptors. <i>Vaccines</i> , 2019, 7, 70.	4.4	61
10	Determination of anti-p52 IgM and anti-gB IgG by ELISA as a novel diagnostic tool for detection of early and late phase of primary human cytomegalovirus infections during pregnancy. <i>Journal of Clinical Virology</i> , 2019, 120, 38-43.	3.1	4
11	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
12	Human cytomegalovirus (HCMV) infection/re-infection: development of a protective HCMV vaccine. <i>New Microbiologica</i> , 2019, 42, 1-20.	0.1	32
13	Human cytomegalovirus (HCMV)-specific T cell but not neutralizing or IgG binding antibody responses to glycoprotein complexes gB, gH/gL/gO, and pUL128L correlate with protection against high HCMV viral load reactivation in solid-organ transplant recipients. <i>Journal of Medical Virology</i> , 2018, 90, 1620-1628.	5.0	21
14	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
15	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
16	Phenotype and specificity of T cells in primary human cytomegalovirus infection during pregnancy: IL-7Rpos long-term memory phenotype is associated with protection from vertical transmission. <i>PLoS ONE</i> , 2017, 12, e0187731.	2.5	21
17	Strategies to control human cytomegalovirus infection in adult hematopoietic stem cell transplant recipients. <i>Immunotherapy</i> , 2016, 8, 1135-1149.	2.0	11
18	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

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19	Neutralizing and ELISA IgG antibodies to human cytomegalovirus glycoprotein complexes may help date the onset of primary infection in pregnancy. <i>Journal of Clinical Virology</i> , 2016, 81, 16-24.	3.1	17
20	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
21	Follicular helper T-cells and virus-specific antibody response in primary and reactivated human cytomegalovirus infections of the immunocompetent and immunocompromised transplant patients. <i>Journal of General Virology</i> , 2016, 97, 1928-1941.	2.9	12
22	Sequencing and Analysis of Globally Obtained Human Respiratory Syncytial Virus A and B Genomes. <i>PLoS ONE</i> , 2015, 10, e0120098.	2.5	61
23	Prevention of Primary Cytomegalovirus Infection in Pregnancy. <i>EBioMedicine</i> , 2015, 2, 1205-1210.	6.1	170
24	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
25	Reconstitution of Human Cytomegalovirus-Specific CD4 <sup>+</sup> 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
26	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
27	Human Cytomegalovirus (HCMV)-Specific CD4 <sup>+</sup> and CD8 <sup>+</sup> 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
28	Polyfunctional Analysis of Human Cytomegalovirus (HCMV)-Specific CD4 <sup>+</sup> and CD8 <sup>+</sup> Memory T-Cells in HCMV-Seropositive Healthy Subjects Following Different Stimuli. <i>Journal of Clinical Immunology</i> , 2014, 34, 999-1008.	3.8	6
29	Cytomegalovirus DNAemia in pregnant women. <i>Journal of Clinical Virology</i> , 2014, 61, 590-592.	3.1	32
30	Antibody-driven design of a human cytomegalovirus gH/gL/pUL128L 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
31	A Randomized Trial of Hyperimmune Globulin to Prevent Congenital Cytomegalovirus. <i>Obstetrical and Gynecological Survey</i> , 2014, 69, 388-390.	0.4	3
32	A Randomized Trial of Hyperimmune Globulin to Prevent Congenital Cytomegalovirus. <i>New England Journal of Medicine</i> , 2014, 370, 1316-1326.	27.0	413
33	Hyperimmune Globulin to Prevent Congenital CMV Infection. <i>New England Journal of Medicine</i> , 2014, 370, 2543-2545.	27.0	37
34	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
35	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
36	Systemic and local human cytomegalovirus-specific T-cell response in lung transplant recipients. <i>New Microbiologica</i> , 2013, 36, 267-77.	0.1	9

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37	Endothelial cells and CMV dissemination. <i>Future Microbiology</i> , 2012, 7, 441-444.	2.0	7
38	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
39	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
40	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
41	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
42	Human cytomegalovirus end-organ disease is associated with high or low systemic viral load in preemptively treated solid-organ transplant recipients. <i>New Microbiologica</i> , 2012, 35, 279-87.	0.1	19
43	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
44	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
45	Heart rate and cardiac allograft vasculopathy in heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 1368-1373.	0.6	22
46	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
47	Kinetics of Effector Functions and Phenotype of Virus-Specific and $\hat{\imath}$ T Lymphocytes in Primary Human Cytomegalovirus Infection During Pregnancy. <i>Journal of Clinical Immunology</i> , 2011, 31, 1054-1064.	3.8	36
48	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
49	Management of human cytomegalovirus infection in transplantation: validation of virologic cut-offs for preemptive therapy and immunological cut-offs for protection. <i>New Microbiologica</i> , 2011, 34, 229-54.	0.1	22
50	Human cytomegalovirus-specific CD4+ and CD8+ T-cell response determination: Comparison of short-term (24h) assays vs long-term (7-day) infected dendritic cell assay in the immunocompetent and the immunocompromised host. <i>Clinical Immunology</i> , 2010, 136, 269-281.	3.2	9
51	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
52	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
53	Enterovirus Genotype EV-104 in Humans, Italy, 2008–2009. <i>Emerging Infectious Diseases</i> , 2010, 16, 1018-1021.	4.3	26
54	Comparative evaluation of eight commercial human cytomegalovirus IgG avidity assays. <i>Journal of Clinical Virology</i> , 2010, 48, 255-259.	3.1	77

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55	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
56	Human Cytomegalovirus UL131-128 Genes Are Indispensable for Virus Growth in Endothelial Cells and Virus Transfer to Leukocytes. <i>Journal of Virology</i> , 2009, 83, 6323-6323.	3.4	2
57	HIV-1 Plasma Variants Encoding Truncated Reverse Transcriptase (RT) in a Patient With High RT-Specific CD8+ Memory T-Cell Response. <i>Current HIV Research</i> , 2009, 7, 302-310.	0.5	4
58	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
59	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
60	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
61	Human cytomegalovirus-specific CD4+ and CD8+ T cell responses in primary infection of the immunocompetent and the immunocompromised host. <i>Clinical Immunology</i> , 2009, 131, 395-403.	3.2	28
62	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
63	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
64	Management of human cytomegalovirus infection in transplant recipients by the pre-emptive therapy approach. <i>Future Virology</i> , 2009, 4, 155-164.	1.8	1
65	Prophylaxis Versus Preemptive Therapy for Prevention of Human Cytomegalovirus Disease in Pediatric Liver Transplant Recipients. <i>Transplantation</i> , 2009, 87, 306-307.	1.0	0
66	Multicenter quality control study for human cytomegalovirus DNAemia quantification. <i>New Microbiologica</i> , 2009, 32, 245-53.	0.1	21
67	Surveillance of influenza virus B circulation in Northern Italy: summer-fall 2008 isolation of three strains and phylogenetic analysis. <i>New Microbiologica</i> , 2009, 32, 405-10.	0.1	1
68	Genotypic analysis of two hypervariable human cytomegalovirus genes. <i>Journal of Medical Virology</i> , 2008, 80, 1615-1623.	5.0	54
69	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
70	Human cytomegalovirus load measurement and its applications for pre-emptive therapy in patients undergoing hematopoietic stem cell transplantation. <i>Hematological Oncology</i> , 2008, 26, 123-130.	1.7	17
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	Monitoring human cytomegalovirus infection in transplant recipients. <i>Journal of Clinical Virology</i> , 2008, 41, 237-241.	3.1	74

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73	Comparison of a new Light Diagnostics <sup>®</sup> and the CMV Brite <sup>®</sup> to an in-house developed human cytomegalovirus antigenemia assay. <i>Journal of Clinical Virology</i> , 2008, 43, 13-17.	3.1	3
74	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
75	Maternal, fetal and neonatal diagnosis of congenital human cytomegalovirus infection. <i>Expert Opinion on Medical Diagnostics</i> , 2008, 2, 547-563.	1.6	10
76	Human Cytomegalovirus (HCMV) DNAemia in the Mother at Amniocentesis as a Risk Factor for latrogenic HCMV Infection of the Fetus. <i>Journal of Infectious Diseases</i> , 2008, 197, 593-596.	4.0	55
77	Human Cytomegalovirus <sup>®</sup> -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
78	Response: Human cytomegalovirus DNAemia and preemptive treatment of HCMV infection in children receiving hematopoietic stem-cell transplantation. <i>Blood</i> , 2008, 111, 4420-4420.	1.4	0
79	Human cytomegalovirus-specific CD4 <sup>+</sup> and CD8 <sup>+</sup> 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
80	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
81	Development of Human Cytomegalovirus <sup>®</sup> -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
82	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
83	Quantification and identification of polyomavirus DNA in blood and urine of renal transplant recipients. <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 57, 301-307.	1.8	8
84	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
85	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
86	Prospective study of human metapneumovirus infection: Diagnosis, typing and virus quantification in nasopharyngeal secretions from pediatric patients. <i>Journal of Clinical Virology</i> , 2007, 40, 236-240.	3.1	23
87	NNRTI-selected mutations at codon 190 of human immunodeficiency virus type 1 reverse transcriptase decrease susceptibility to stavudine and zidovudine. <i>Antiviral Research</i> , 2007, 76, 99-103.	4.1	9
88	Inconsistent Responses of Cytomegalovirus <sup>®</sup> -Specific T Cells to pp65 and IE <sup>®</sup> 1 versus Infected Dendritic Cells in Organ Transplant Recipients. <i>American Journal of Transplantation</i> , 2007, 7, 1997-2005.	4.7	45
89	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
90	The human bocavirus role in acute respiratory tract infections of pediatric patients as defined by viral load quantification. <i>New Microbiologica</i> , 2007, 30, 383-92.	0.1	21

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91	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
92	Simultaneous detection and typing of human metapneumovirus strains in nasopharyngeal secretions and cell cultures by monoclonal antibodies. <i>Journal of Clinical Virology</i> , 2006, 35, 113-116.	3.1	20
93	Prediction of endothelial cell tropism of human cytomegalovirus strains. <i>Journal of Clinical Virology</i> , 2006, 35, 470-473.	3.1	6
94	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
95	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
96	Amino acid insertions at position 35 of HIV-1 protease interfere with virus replication without modifying antiviral drug susceptibility. <i>Antiviral Research</i> , 2006, 69, 181-185.	4.1	11
97	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
98	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
99	Preconceptional Primary Human Cytomegalovirus Infection and Risk of Congenital Infection. <i>Journal of Infectious Diseases</i> , 2006, 193, 783-787.	4.0	62
100	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
101	Monitoring transplant patients for human cytomegalovirus: Diagnostic update. <i>Herpes: the Journal of the IHMF</i> , 2006, 13, 4-11.	0.3	11
102	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
103	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
104	Dendritic-cell infection by human cytomegalovirus is restricted to strains carrying functional UL131 genes and mediates efficient viral antigen presentation to CD8+ T cells. <i>Journal of General Virology</i> , 2005, 86, 275-284.	2.9	185
105	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
106	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
107	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
108	Human cytomegalovirus double resistance in a donor-positive/recipient-negative lung transplant patient with an impaired CD4-mediated specific immune response. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 536-539.	3.0	19

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109	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
110	Dissociation of Serum and Liver Hepatitis C Virus RNA Levels in Patients Coinfected with Human Immunodeficiency Virus and Treated with Antiretroviral Drugs. <i>Journal of Clinical Microbiology</i> , 2004, 42, 3012-3016.	3.9	5
111	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
112	Clinical Evaluation of a Chemiluminescence Immunoassay for Determination of Immunoglobulin G Avidity to Human Cytomegalovirus. <i>Vaccine Journal</i> , 2004, 11, 801-805.	3.1	23
113	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
114	Pathogenesis and prenatal diagnosis of human cytomegalovirus infection. <i>Journal of Clinical Virology</i> , 2004, 29, 71-83.	3.1	133
115	Clinical and biologic aspects of human cytomegalovirus resistance to antiviral drugs. <i>Human Immunology</i> , 2004, 65, 403-409.	2.4	78
116	Pathogenesis of human cytomegalovirus infection and cellular targets. <i>Human Immunology</i> , 2004, 65, 381-386.	2.4	105
117	Monitoring of human cytomegalovirus (HCMV)-specific CD4+ T cell frequency by cytokine flow cytometry as a possible indicator for discontinuation of HCMV secondary prophylaxis in HAART-treated AIDS patients. <i>Journal of Clinical Virology</i> , 2004, 29, 297-307.	3.1	11
118	Assays for Determination of HIV Resistance to Antiviral Drugs. <i>Current Drug Metabolism</i> , 2004, 5, 317-319.	1.2	4
119	Genomes of the endothelial cell-tropic variant and the parental Toledo strain of human cytomegalovirus are highly divergent. <i>Journal of Medical Virology</i> , 2003, 69, 76-81.	5.0	15
120	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
121	Multiple relapses of human cytomegalovirus retinitis during HAART in an AIDS patient with reconstitution of CD4+ T cell count in the absence of HCMV-specific CD4+ T cell response. <i>Journal of Clinical Virology</i> , 2003, 26, 95-100.	3.1	23
122	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
123	Nevirapine Resistance Mutation at Codon 181 of the HIV-1 Reverse Transcriptase Confers Stavudine Resistance by Increasing Nucleotide Substrate Discrimination and Phosphorolytic Activity. <i>Journal of Biological Chemistry</i> , 2003, 278, 15469-15472.	3.4	21
124	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
125	Comparison of levels of HIV-1 resistance to protease inhibitors by recombinant versus conventional virus phenotypic assay and two genotypic interpretation procedures in treatment-naive and HAART-experienced HIV-infected patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 135-139.	3.0	10
126	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



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127	Phylogenetic Analysis of Rubella Virus Isolated during a Period of Epidemic Transmission in Italy, 1991-1997. <i>Journal of Infectious Diseases</i> , 2003, 187, 1587-1597.	4.0	26
128	Human cytomegalovirus resistance to antiviral drugs: diagnosis, monitoring and clinical impact. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 52, 324-330.	3.0	29
129	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
130	Nevirapine-selected mutations Y181I/C of HIV-1 reverse transcriptase confer cross-resistance to stavudine. <i>Aids</i> , 2003, 17, 1568-1570.	2.2	20
131	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
132	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
133	Detection of a new HIV-1 reverse transcriptase mutation (Q145M) conferring resistance to nucleoside and non-nucleoside inhibitors in a patient failing highly active antiretroviral therapy. <i>Aids</i> , 2003, 17, 924-927.	2.2	13
134	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
135	Emergence of Multiple Drug-Resistant Human Cytomegalovirus Variants in 2 Patients with Human Immunodeficiency Virus Infection Unresponsive to Highly Active Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2002, 34, 1146-1149.	5.8	13
136	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
137	Diagnosis and Outcome of Preconceptional and Periconceptional Primary Human Cytomegalovirus Infections. <i>Journal of Infectious Diseases</i> , 2002, 186, 553-557.	4.0	111
138	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
139	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
140	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
141	Z-isomers of 2-hydroxymethylcyclopropylidene-methyl adenine (synadenol) and guanine (synguanol) are active against ganciclovir- and foscarnet-resistant human cytomegalovirus UL97 mutants. <i>Antiviral Research</i> , 2002, 56, 273-278.	4.1	16
142	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
143	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
144	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

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145	Diagnosis and monitoring of human cytomegalovirus infection in transplant recipients. <i>Reviews in Medical Microbiology</i> , 2001, 12, 155-175.	0.9	12
146	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
147	Higher levels of HIV DNA in memory and naïve CD4+ T cell subsets of viremic compared to non-viremic patients after 18 and 24 months of HAART. <i>Antiviral Research</i> , 2001, 50, 197-206.	4.1	9
148	Comparative Analysis of Human Cytomegalovirus-Specific CD4+ T-Cell Frequency and Lymphoproliferative Response in Human Immunodeficiency Virus-Positive Patients. <i>Vaccine Journal</i> , 2001, 8, 1225-1230.	2.6	7
149	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
150	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
151	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
152	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
153	Higher Short-Term Virologic Efficacy of Three-Class Versus Two-Class Highly Active Antiretroviral Salvage Therapy in HIV-Infected Patients. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2000, 19, 380-384.	2.9	4
154	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
155	Use of CMV transcripts for monitoring of CMV infections in transplant recipients. <i>International Journal of Antimicrobial Agents</i> , 2000, 16, 455-460.	2.5	7
156	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
157	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
158	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
159	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
160	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
161	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
162	Diagnosis and implications of human cytomegalovirus infection in pregnancy. <i>Fetal and Maternal Medicine Review</i> , 1999, 11, 117-134.	0.3	28

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163	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
164	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
165	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
166	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
167	A novel sensitive assay to define immune status using short-term peripheral blood derived cell culture and dual-color flow cytometry. <i>Immunology Letters</i> , 1998, 62, 45-49.	2.5	3
168	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
169	Short Communication: Geographic and Demographic Differences in the Frequency of Human Cytomegalovirus gB Genotypes 1&#x201c;4 in Immunocompromised Patients. <i>AIDS Research and Human Retroviruses</i> , 1998, 14, 533-536.	1.1	50
170	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
171	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
172	HUMAN CYTOMEGALOVIRUS (HCMV) LEUKODNAEMIA CORRELATES MORE CLOSELY WITH CLINICAL SYMPTOMS THAN ANTIGENEMIA AND VIREMIA IN HEART AND HEART-LUNG TRANSPLANT RECIPIENTS WITH PRIMARY HCMV INFECTION1. <i>Transplantation</i> , 1998, 65, 1378-1385.	1.0	58
173	GANCICLOVIR RESISTANCE AS A RESULT OF ORAL GANCICLOVIR IN A HEART TRANSPLANT RECIPIENT WITH MULTIPLE HUMAN CYTOMEGALOVIRUS STRAINS IN BLOOD1,2. <i>Transplantation</i> , 1998, 66, 324-329.	1.0	74
174	The Cys607&#x2191;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
175	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
176	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
177	Comparative quantification of human cytomegalovirus DNA in blood of immunocompromised patients by PCR and Murex Hybrid Capture&#x201c;, $\phi$ System. <i>Clinical and Diagnostic Virology</i> , 1997, 8, 159-165.	1.7	9
178	Quantitative systemic and local evaluation of the antiviral effect of ganciclovir and foscarnet induction treatment on human cytomegalovirus gastrointestinal disease of patients with AIDS. <i>Antiviral Research</i> , 1997, 34, 39-50.	4.1	18
179	Diagnosis of human cytomegalovirus infections in the immunocompromised host. <i>Clinical and Diagnostic Virology</i> , 1996, 5, 181-186.	1.7	12
180	CLINICAL AND VIROLOGICAL MONITORING OF HUMAN CYTOMEGALOVIRUS INFECTION IN 294 HEART TRANSPLANT RECIPIENTS. <i>Transplantation</i> , 1995, 59, 847-850.	1.0	73

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181	Quantitation of human cytomegalovirus DNA in bone marrow transplant recipients. <i>British Journal of Haematology</i> , 1995, 91, 674-683.	2.5	65
182	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
183	Polymerase chain reaction for prenatal diagnosis of congenital human cytomegalovirus infection. <i>Journal of Medical Virology</i> , 1995, 47, 462-466.	5.0	82
184	Prenatal diagnosis of congenital human cytomegalovirus infection. <i>Prenatal Diagnosis</i> , 1994, 14, 903-906.	2.3	49
185	Identification of a New VP4 Serotype of Human Rotaviruses. <i>Virology</i> , 1994, 200, 66-71.	2.4	59
186	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
187	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
188	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
189	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
190	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
191	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
192	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
193	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
194	Human cytomegalovirus viraemia in HIV-1-seropositive patients at various clinical stages of infection. <i>Aids</i> , 1990, 4, 1027-1032.	2.2	87
195	A 6-hour microneutralization assay for human cytomegalovirus antibody by using monoclonal antibodies. <i>Serodiagnosis and Immunotherapy in Infectious Disease</i> , 1990, 4, 243-247.	0.2	17
196	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
197	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
198	Determination of coronavirus 229E antibody by an immune-adherence hemagglutination method. <i>Journal of Medical Virology</i> , 1978, 2, 215-223.	5.0	16