

Naoki Inoue

List of Publications by Year in descending order

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112
papers

3,075
citations

159585

30
h-index

189892

50
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114
all docs

114
docs citations

114
times ranked

2776
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Herpesvirus 6B Genome Sequence: Coding Content and Comparison with Human Herpesvirus 6A. <i>Journal of Virology</i> , 1999, 73, 8040-8052.	3.4	306
2	Molecular and Virological Evidence of Viral Activation From Chromosomally Integrated Human Herpesvirus 6A in a Patient With X-Linked Severe Combined Immunodeficiency. <i>Clinical Infectious Diseases</i> , 2014, 59, 545-548.	5.8	121
3	Etiology of Severe Sensorineural Hearing Loss in Children: Independent Impact of Congenital Cytomegalovirus Infection and GJB2 Mutations. <i>Journal of Infectious Diseases</i> , 2007, 195, 782-788.	4.0	118
4	Packaging Cells Based on Inducible Gene Amplification for the Production of Adeno-Associated Virus Vectors. <i>Journal of Virology</i> , 1998, 72, 7024-7031.	3.4	115
5	Screening for congenital cytomegalovirus infection using newborn urine samples collected on filter paper: feasibility and outcomes from a multicentre study. <i>BMJ Open</i> , 2011, 1, e000118-e000118.	1.9	105
6	Frequent isolation of human herpesvirus 7 from saliva. <i>Virus Research</i> , 1993, 29, 91-98.	2.2	104
7	Intrauterine Growth Restriction Caused by Underlying Congenital Cytomegalovirus Infection. <i>Journal of Infectious Diseases</i> , 2014, 209, 1573-1584.	4.0	95
8	Glycoproteins M and N of human herpesvirus 8 form a complex and inhibit cell fusion. <i>Journal of General Virology</i> , 2003, 84, 1485-1491.	2.9	80
9	Association of the Outcome of Renal Transplantation with Antibody Response to Cytomegalovirus Strain-Specific Glycoprotein H Epitopes. <i>Clinical Infectious Diseases</i> , 2007, 45, 60-67.	5.8	66
10	Characterization of Entry Mechanisms of Human Herpesvirus 8 by Using an Rta-Dependent Reporter Cell Line. <i>Journal of Virology</i> , 2003, 77, 8147-8152.	3.4	65
11	High-Fidelity Correction of Mutations at Multiple Chromosomal Positions by Adeno-Associated Virus Vectors. <i>Journal of Virology</i> , 1999, 73, 7376-7380.	3.4	62
12	Introduction of Single Base Substitutions at Homologous Chromosomal Sequences by Adeno-associated Virus Vectors. <i>Molecular Therapy</i> , 2001, 3, 526-530.	8.2	59
13	Pathogenesis of cytomegalovirus-associated labyrinthitis in a guinea pig model. <i>Microbes and Infection</i> , 2007, 9, 183-191.	1.9	52
14	Genetic variations in the gB, UL144 and UL149 genes of human cytomegalovirus strains collected from congenitally and postnatally infected Japanese children. <i>Archives of Virology</i> , 2008, 153, 667-674.	2.1	51
15	Comparison of Serologic Assays for Detection of Antibodies against Human Herpesvirus 8. <i>Vaccine Journal</i> , 2001, 8, 913-921.	2.6	49
16	Short Duration of Elevated vIRF-1 Expression during Lytic Replication of Human Herpesvirus 8 Limits Its Ability To Block Antiviral Responses Induced by Alpha Interferon in BCBL-1 Cells. <i>Journal of Virology</i> , 2004, 78, 6621-6635.	3.4	49
17	Analysis of Antibody Titers to Epstein-Barr Virus Nuclear Antigens in Sera of Patients with Sjogren's Syndrome and with Rheumatoid Arthritis. <i>Journal of Infectious Diseases</i> , 1991, 164, 22-28.	4.0	47
18	Higher prevalence of human herpesvirus 8 DNA sequence and specific IgG antibodies in patients with pemphigus in China. <i>Journal of the American Academy of Dermatology</i> , 2005, 52, 460-467.	1.2	47

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19	Clinical Diagnostic Testing for Human Cytomegalovirus Infections. <i>Journal of Infectious Diseases</i> , 2020, 221, S74-S85.	4.0	47
20	U94, the Human Herpesvirus 6 Homolog of the Parvovirus Nonstructural Gene, Is Highly Conserved among Isolates and Is Expressed at Low mRNA Levels as a Spliced Transcript. <i>Virology</i> , 2000, 268, 504-516.	2.4	45
21	Neurological outcomes in symptomatic congenital cytomegalovirus-infected infants after introduction of newborn urine screening and antiviral treatment. <i>Brain and Development</i> , 2016, 38, 209-216.	1.1	45
22	The domain of Epstein-Barr virus nuclear antigen 1 essential for binding to oriP region has a sequence fitted for the hypothetical basic-helix-loop-helix structure. <i>Virology</i> , 1991, 182, 84-93.	2.4	42
23	Characterization of the guinea pig cytomegalovirus genome locus that encodes homologs of human cytomegalovirus major immediate-early genes, UL128, and UL130. <i>Virology</i> , 2009, 391, 99-106.	2.4	40
24	Cytomegalovirus Impairs Cytotrophoblast-Induced Lymphangiogenesis and Vascular Remodeling in an In Vivo Human Placentation Model. <i>American Journal of Pathology</i> , 2012, 181, 1540-1559.	3.8	40
25	Identification of a 1.6-kb genome locus of guinea pig cytomegalovirus required for efficient viral growth in animals but not in cell culture. <i>Virology</i> , 2008, 379, 45-54.	2.4	39
26	Genetic linkage among human cytomegalovirus glycoprotein N (gN) and gO genes, with evidence for recombination from congenitally and post-natally infected Japanese infants. <i>Journal of General Virology</i> , 2008, 89, 2275-2279.	2.9	34
27	Inhibition of Infection and Replication of Human Herpesvirus 8 in Microvascular Endothelial Cells by Alpha Interferon and Phosphonoformic Acid. <i>Journal of Virology</i> , 2004, 78, 8359-8371.	3.4	33
28	Polymorphisms in TLR-2 are associated with congenital cytomegalovirus (CMV) infection but not with congenital CMV disease. <i>International Journal of Infectious Diseases</i> , 2013, 17, e1092-e1097.	3.3	33
29	Dried Umbilical Cords in the Retrospective Diagnosis of Congenital Cytomegalovirus Infection as a Cause of Developmental Delays. <i>Clinical Infectious Diseases</i> , 2009, 48, e93-e95.	5.8	32
30	Human cytomegalovirus induces apoptosis in neural stem/progenitor cells derived from induced pluripotent stem cells by generating mitochondrial dysfunction and endoplasmic reticulum stress. <i>Herpesviridae</i> , 2013, 4, 2.	2.7	32
31	Neonatal Herpes Encephalitis Caused by a Virologically Confirmed Acyclovir-Resistant Herpes Simplex Virus 1 Strain. <i>Journal of Clinical Microbiology</i> , 2013, 51, 356-359.	3.9	32
32	Real-Time PCR Assay Using Specimens on Filter Disks as a Template for Detection of Cytomegalovirus in Urine. <i>Journal of Clinical Microbiology</i> , 2007, 45, 1305-1307.	3.9	31
33	Outcome of cochlear implantation in children with congenital cytomegalovirus infection or GJB2 mutation. <i>Acta Oto-Laryngologica</i> , 2012, 132, 597-602.	0.9	31
34	Effects of immunization of pregnant guinea pigs with guinea pig cytomegalovirus glycoprotein B on viral spread in the placenta. <i>Vaccine</i> , 2013, 31, 3199-3205.	3.8	31
35	Newborn screening of congenital cytomegalovirus infection using saliva can be influenced by breast feeding: Table A1. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2013, 98, F182.1-F182.	2.8	31
36	Aberrant fetal macrophage/microglial reactions to cytomegalovirus infection. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 570-588.	3.7	31

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37	Effects of cationic liposomes with stearylamine against virus infection. <i>International Journal of Pharmaceutics</i> , 2018, 543, 311-317.	5.2	31
38	Is a 6-Week Course of Ganciclovir Therapy Effective for Chorioretinitis in Infants with Congenital Cytomegalovirus Infection?. <i>Journal of Pediatrics</i> , 2010, 157, 331-333.	1.8	30
39	Retrospective Diagnosis of Congenital Cytomegalovirus Infection Using Dried Umbilical Cords. <i>Pediatric Infectious Disease Journal</i> , 2004, 23, 481-482.	2.0	29
40	EVALUATION OF SCREENING TESTS FOR CONGENITAL CYTOMEGALOVIRUS INFECTION. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, 182-184.	2.0	29
41	Guinea pig cytomegalovirus GP129/131/133, homologues of human cytomegalovirus UL128/130/131A, are necessary for infection of monocytes and macrophages. <i>Journal of General Virology</i> , 2014, 95, 1376-1382.	2.9	29
42	Congenital Cytomegalovirus Infection Diagnosed by Polymerase Chain Reaction With the Use of Preserved Umbilical Cord in Sensorineural Hearing Loss Children. <i>Laryngoscope</i> , 2006, 116, 1991-1994.	2.0	28
43	Re-evaluation of the genome sequence of guinea pig cytomegalovirus. <i>Journal of General Virology</i> , 2011, 92, 1005-1020.	2.9	27
44	Identification and characterization of the gene products of open reading frame U86/87 of human herpesvirus 6. <i>Virus Research</i> , 2002, 89, 89-101.	2.2	24
45	Activation of Cellular and Heterologous Promoters by the Human Herpesvirus 8 Replication and Transcription Activator. <i>Virology</i> , 2002, 301, 293-304.	2.4	22
46	Identification of a Varicella-Zoster Virus Replication Inhibitor That Blocks Capsid Assembly by Interacting with the Floor Domain of the Major Capsid Protein. <i>Journal of Virology</i> , 2012, 86, 12198-12207.	3.4	22
47	Low IgG avidity and ultrasound fetal abnormality predict congenital cytomegalovirus infection. <i>Journal of Medical Virology</i> , 2012, 84, 1928-1933.	5.0	22
48	New Immunofluorescence Assays for Detection of Human Herpesvirus 8 -Specific Antibodies. <i>Vaccine Journal</i> , 2000, 7, 427-435.	2.6	21
49	Establishment of a Cell-Based Assay for Screening of Compounds Inhibiting Very Early Events in the Cytomegalovirus Replication Cycle and Characterization of a Compound Identified Using the Assay. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2420-2427.	3.2	21
50	Isolation and characterization of herC, a mutation of <i>Escherichia coli</i> affecting maintenance of ColE1. <i>Molecular Genetics and Genomics</i> , 1989, 219, 333-340.	2.4	20
51	Lack of antibodies against the antigen domain 2 epitope of cytomegalovirus (CMV) glycoprotein B is associated with CMV disease after renal transplantation in recipients having the same glycoprotein H serotypes as their donors. <i>Transplant Infectious Disease</i> , 2011, 13, 318-323.	1.7	20
52	Evidence for human herpesvirus-6B infection of regulatory T-cells in acute systemic lymphadenitis in an immunocompetent adult with the drug reaction with eosinophilia and systemic symptoms syndrome: A case report. <i>Journal of Clinical Virology</i> , 2014, 61, 448-452.	3.1	20
53	Generation of a Reporter Cell Line for Detection of Infectious Varicella-Zoster Virus and Its Application to Antiviral Studies. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 3142-3145.	3.2	19
54	Congenital cytomegalovirus in Japan: More than 2 year follow up of infected newborns. <i>Pediatrics International</i> , 2018, 60, 57-62.	0.5	19

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55	Vaccine Development for Cytomegalovirus. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1045, 271-296.	1.6	18
56	Validation of AAV-mediated gene targeting. <i>Nature Biotechnology</i> , 2002, 20, 658-658.	17.5	17
57	Cytomegalovirus (CMV) glycoprotein H-based serological analysis in Japanese healthy pregnant women, and in neonates with congenital CMV infection and their mothers. <i>Journal of Clinical Virology</i> , 2013, 58, 474-478.	3.1	17
58	Human herpesvirus 8 genoprevalence in populations at disparate risks of Kaposi's sarcoma. <i>Journal of Medical Virology</i> , 2007, 79, 52-59.	5.0	16
59	Low total IgM values and high cytomegalovirus loads in the blood of newborns with symptomatic congenital cytomegalovirus infection. <i>Journal of Perinatal Medicine</i> , 2015, 43, 239-243.	1.4	16
60	Comparison of serologic responses between Kaposi's sarcoma-positive and -negative men who were seropositive for both human herpesvirus 8 and human immunodeficiency virus. <i>Journal of Medical Virology</i> , 2004, 74, 202-206.	5.0	15
61	Single cytomegalovirus strain associated with fetal loss and then congenital infection of a subsequent child born to the same mother. <i>Journal of Clinical Virology</i> , 2010, 49, 134-136.	3.1	14
62	The IgG avidity value for the prediction of congenital cytomegalovirus infection in a prospective cohort study. <i>Journal of Perinatal Medicine</i> , 2014, 42, 755-759.	1.4	14
63	Current issues regarding the application of recombinant lactic acid bacteria to mucosal vaccine carriers. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 5947-5955.	3.6	14
64	Differences in DNA Binding Specificity among Roseolovirus Origin Binding Proteins. <i>Virology</i> , 2001, 288, 145-153.	2.4	13
65	Sequence Requirements for Interaction of Human Herpesvirus 7 Origin Binding Protein with the Origin of Lytic Replication. <i>Journal of Virology</i> , 2001, 75, 3925-3936.	3.4	13
66	Salivary production of IgA and IgG to human herpes virus 8 latent and lytic antigens by patients in whom Kaposi's sarcoma has regressed. <i>Aids</i> , 2004, 18, 338-340.	2.2	13
67	Identification of a highly conserved region in the human cytomegalovirus glycoprotein H gene and design of molecular diagnostic methods targeting the region. <i>Journal of Virological Methods</i> , 2008, 151, 55-60.	2.1	13
68	Transmission of Varicella Vaccine Virus, Japan. <i>Emerging Infectious Diseases</i> , 2009, 15, 1702-1703.	4.3	12
69	M cell targeting strategy enhances systemic and mucosal immune responses induced by oral administration of nuclease-producing <i>L. lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10703-10711.	3.6	12
70	A Thr72Ala polymorphism in the NKG2D gene is associated with early symptomatic congenital cytomegalovirus disease. <i>Infection</i> , 2015, 43, 353-359.	4.7	10
71	Differences in the effects of mutations in GP131, a guinea pig cytomegalovirus homologue of pentameric complex component UL130, on macrophage and epithelial cell infection. <i>Journal of General Virology</i> , 2018, 99, 1425-1431.	2.9	10
72	A Novel Real-Time PCR Method for Determination and Quantification of Each Cytomegalovirus Glycoprotein H Subtype in Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2012, 50, 499-501.	3.9	9

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73	In vivo imaging assay for the convenient evaluation of antiviral compounds against cytomegalovirus in mice. <i>Antiviral Research</i> , 2010, 88, 45-52.	4.1	8
74	Oral valganciclovir treatment for congenital cytomegalovirus infection. <i>Pediatrics International</i> , 2011, 53, 249-252.	0.5	8
75	Quantitative evaluation of ventricular dilatation using computed tomography in infants with congenital cytomegalovirus infection. <i>Brain and Development</i> , 2014, 36, 10-15.	1.1	8
76	Characterization of an anti- <i>Varicella-zoster</i> virus compound that targets the portal protein encoded by ORF54. <i>Microbiology and Immunology</i> , 2017, 61, 398-402.	1.4	8
77	Detection of human herpesviruses in the cerebrospinal fluid from patients diagnosed with or suspected of having progressive multifocal leukoencephalopathy. <i>BMC Neurology</i> , 2013, 13, 200.	1.8	7
78	Newborn Congenital Cytomegalovirus Screening Based on Clinical Manifestations and Evaluation of DNA-based Assays for In Vitro Diagnostics. <i>Pediatric Infectious Disease Journal</i> , 2017, 36, 942-946.	2.0	7
79	Roles of GP33, a guinea pig cytomegalovirus-encoded G protein-coupled receptor homolog, in cellular signaling, viral growth and inflammation in vitro and in vivo. <i>PLoS Pathogens</i> , 2018, 14, e1007487.	4.7	7
80	Analysis of relationships between polymorphisms in the genes encoding the pentameric complex and neutralization of clinical cytomegalovirus isolates. <i>Vaccine</i> , 2018, 36, 5983-5989.	3.8	7
81	Suppression of human trophoblast syncytialization by human cytomegalovirus infection. <i>Placenta</i> , 2022, 117, 200-208.	1.5	7
82	Efficacy of prolonged valganciclovir therapy for congenital cytomegalovirus infection. <i>Journal of Infection and Chemotherapy</i> , 2011, 17, 538-540.	1.7	6
83	Unusually extensive disseminated herpes zoster with multiple ulcer formation in a methotrexate-treated rheumatoid arthritis patient. <i>Journal of Dermatology</i> , 2014, 41, 181-182.	1.2	6
84	Activation of c-Jun by human cytomegalovirus UL42 through JNK activation. <i>PLoS ONE</i> , 2020, 15, e0232635.	2.5	6
85	Characterization of a thiourea derivative that targets viral transactivators of cytomegalovirus and herpes simplex virus type 1. <i>Antiviral Research</i> , 2021, 196, 105207.	4.1	6
86	Comparative Sequence Analyses of Epstein-Barr Virus Nuclear Antigen-2 and -3B Genes of a Fresh Epstein-Barr Virus-2 Isolate. <i>Intervirology</i> , 1992, 33, 180-186.	2.8	5
87	Regulation of the expression of the varicella-zoster virus open reading frame 66 gene. <i>Virus Research</i> , 2011, 155, 334-342.	2.2	5
88	Characterization of a thienylcarboxamide derivative that inhibits the transactivation functions of cytomegalovirus IE2 and varicella zoster virus IE62. <i>Antiviral Research</i> , 2017, 140, 142-150.	4.1	5
89	Peyer's Patches as a Portal for DNA Delivery by <i>Lactococcus lactis</i> in Vivo. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 190-197.	1.4	5
90	Evaluation of the indirect and IgM capture anti-human cytomegalovirus IgM ELISA methods as confirmed by cytomegalovirus IgG avidity. <i>Microbiology and Immunology</i> , 2019, 63, 172-178.	1.4	5

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91	Herpesviruses beyond HSV-1 and -2. <i>Clinical Microbiology Newsletter</i> , 1999, 21, 153-159.	0.7	4
92	The highly conserved human cytomegalovirus UL136 ORF generates multiple Golgi-localizing protein isoforms through differential translation initiation. <i>Virus Research</i> , 2014, 179, 241-246.	2.2	4
93	Protective effects of oral immunization with formalin-inactivated whole-cell <i>Citrobacter rodentium</i> on <i>Citrobacter rodentium</i> infection in mice. <i>Journal of Microbiological Methods</i> , 2019, 159, 62-68.	1.6	4
94	The Carboxyl-Terminal Penta-Peptide Repeats of Major Royal Jelly Protein 3 Enhance Cell Proliferation. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 1911-1916.	1.4	4
95	The C-Terminal Penta-Peptide Repeats of Major Royal Jelly Protein 3 Ameliorate the Progression of Inflammation <i>&lt;i>in Vivo&lt;/i></i> and <i>&lt;i>in Vitro&lt;/i></i> . <i>Biological and Pharmaceutical Bulletin</i> , 2022, 45, 583-589.	1.4	4
96	The presence of antibodies against the <sc>AD</sc> ² epitope of cytomegalovirus glycoprotein B is associated with acute rejection after renal transplantation. <i>Microbiology and Immunology</i> , 2014, 58, 72-75.	1.4	3
97	An ExÂvivo culture model for placental cytomegalovirus infection using slices of Guinea pig placental tissue. <i>Placenta</i> , 2016, 37, 85-88.	1.5	3
98	Characterization of phenyl pyrimidine derivatives that inhibit cytomegalovirus immediate-early gene expression. <i>Antiviral Chemistry and Chemotherapy</i> , 2018, 26, 204020661876319.	0.6	2
99	The Guinea pig cytomegalovirus GP119.1 gene encodes an IgGâ€binding glycoprotein that is incorporated into the virion. <i>Microbiology and Immunology</i> , 2021, 65, 28-39.	1.4	2
100	Intimate Adhesion Is Essential for the Pathogen-Specific Inflammatory and Immune Responses in the Gut of Mice Infected with <i>Citrobacter rodentium</i> . <i>ImmunoHorizons</i> , 2021, 5, 870-883.	1.8	2
101	Newly Identified Human Herpesviruses: HHV-6, HHV-7, and HHV-8. , 0, , 195-276.		2
102	Titration of cell-associated varicella-zoster virus with the MV9G reporter cell line for antiviral studies. <i>Journal of Virological Methods</i> , 2018, 260, 14-20.	2.1	1
103	Enhancement of guinea pig cytomegalovirus infection by two endogenously expressed components of the pentameric glycoprotein complex in epithelial cells. <i>Scientific Reports</i> , 2020, 10, 8530.	3.3	1
104	Eosinophils are the main cellular targets for oral gene delivery using Lactic acid bacteria. <i>Vaccine</i> , 2020, 38, 3330-3338.	3.8	1
105	Identification and functional analyses of a cell-death inhibitor encoded by guinea pig cytomegalovirus gp38.1 in cell culture and in animals. <i>Journal of General Virology</i> , 2020, 101, 1270-1279.	2.9	1
106	Influence of 3'-azido-2',3'-dideoxyguanosine treatment on telomere length in human telomerase-immortalized human fibroblast cells. <i>Nucleic Acids Symposium Series</i> , 2009, 53, 249-250.	0.3	0
107	Activation of c-Jun by human cytomegalovirus UL42 through JNK activation. , 2020, 15, e0232635.		0
108	Activation of c-Jun by human cytomegalovirus UL42 through JNK activation. , 2020, 15, e0232635.		0

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111	Activation of c-Jun by human cytomegalovirus UL42 through JNK activation. , 2020, 15, e0232635.		0
112	Activation of c-Jun by human cytomegalovirus UL42 through JNK activation. , 2020, 15, e0232635.		0