Chang-Kweng Lim

List of Publications by Year
in descending order

88 papers	2,085 citations	201674 27 h-index	276875 41 g-index
94 all docs	94 docs citations	94 times ranked	2715 citing authors

#	Article	IF	Citations
1	Reverse Genetics System for Heartland Bandavirus: NSs Protein Contributes to Heartland Bandavirus Virulence. Journal of Virology, 2022, 96, e0004922.	3.4	6
2	Construction and characterization of an infectious clone generated from Chikungunya virus SL11131 strain. Virology, 2021, 552, 52-62.	2.4	3
3	Dengue Virus Serotype 1 Exported to Japan from CÃ´te dâ€™Ivoire, 2019. Japanese Journal of Infectious Diseases, 2021, 74, 148-150.	1.2	3
4	Neuroinvasiveness of the MR766 strain of Zika virus in IFNAR-/-Âmice maps to prM residues conserved amongst African genotype viruses. PLoS Pathogens, 2021, 17, e1009788.	4.7	18
5	Virological and genomic analysis of SARS-CoV-2 from a favipiravir clinical trial cohort. Journal of Infection and Chemotherapy, 2021, 27, 1350-1356.	1.7	1
6	Embryonic Stage of Congenital Zika Virus Infection Determines Fetal and Postnatal Outcomes in Mice. Viruses, 2021, 13, 1807.	3.3	2
7	Immunogenicity and Protective Ability of Genotype I-Based Recombinant Japanese Encephalitis Virus (JEV) with Attenuation Mutations in E Protein against Genotype V JEV. Vaccines, 2021, 9, 1077.	4.4	6
8	Leu-to-Phe substitution at prM146 decreases the growth ability of Zika virus and partially reduces its pathogenicity in mice. Scientific Reports, 2021, 11, 19635.	3.3	6
9	Establishment of Intestinal Organoid from Rousettus leschenaultii and the Susceptibility to Bat-Associated Viruses, SARS-CoV-2 and Pteropine Orthoreovirus. International Journal of Molecular Sciences, 2021, 22, 10763.	4.1	14
10	Genotype-Dependent Immunogenicity of Dengue Virus Type 2 Asian I and Asian/American Genotypes in Common Marmoset (Callithrix jacchus): Discrepancy in Neutralizing and Infection-Enhancing Antibody Levels between Genotypes. Microorganisms, 2021, 9, 2196.	3.6	0
11	Amino Acid at Position 166 of NS2A in Japanese Encephalitis Virus (JEV) Is Associated with In Vitro Growth Characteristics of JEV. Viruses, 2020, 12, 709.	3.3	5
12	A Prospective, Randomized, Open-Label Trial of Early versus Late Favipiravir Therapy in Hospitalized Patients with COVID-19. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	177
13	Analysis of the Function of the Lymphocytic Choriomeningitis Virus S Segment Untranslated Region on Growth Capacity In Vitro and on Virulence In Vivo. Viruses, 2020, 12, 896.	3.3	7
14	Development of a recombinant replication-deficient rabies virus-based bivalent-vaccine against MERS-CoV and rabies virus and its humoral immunogenicity in mice. PLoS ONE, 2019, 14, e0223684.	2.5	15
15	Identification of inhibitors of dengue viral replication using replicon cells expressing secretory luciferase. Antiviral Research, 2019, 172, 104643.	4.1	10
16	Heat Shock Protein 90 Ensures the Integrity of Rubella Virus p150 Protein and Supports Viral Replication. Journal of Virology, 2019, 93, .	3.4	14
17	Increased growth ability and pathogenicity of American- and Pacific-subtype Zika virus (ZIKV) strains compared with a Southeast Asian-subtype ZIKV strain. PLoS Neglected Tropical Diseases, 2019, 13, e0007387.	3.0	16
18	Analysis of cross-reactivity between flaviviruses with sera of patients with Japanese encephalitis showed the importance of neutralization tests for the diagnosis of Japanese encephalitis. Journal of Infection and Chemotherapy, 2019, 25, 786-790.	1.7	33

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19	Dengue Virus Type 2 Infection in a Traveler Returning from Saudi Arabia to Japan. Japanese Journal of Infectious Diseases, 2019, 72, 340-342.	1.2	4
20	Stearoyl-CoA desaturase-1 is required for flavivirus RNA replication. Antiviral Research, 2019, 165, 42-46.	4.1	12
21	E and prM proteins of genotype V Japanese encephalitis virus are required for its increased virulence in mice. Heliyon, 2019, 5, e02882.	3.2	18
22	Neutralization Potency of Sera from Vietnamese Patients with Japanese Encephalitis (JE) against Genotypes I and V JE Viruses. Japanese Journal of Infectious Diseases, 2019, 72, 115-117.	1.2	4
23	An estrogen antagonist, cyclofenil, has anti-dengue-virus activity. Archives of Virology, 2019, 164, 225-234.	2.1	11
24	Japanese Encephalitis- and Dengue-Associated Acute Encephalitis Syndrome Cases in Myanmar. American Journal of Tropical Medicine and Hygiene, 2019, 100, 643-646.	1.4	10
25	Genotype-specific and cross-reactive neutralizing antibodies induced by dengue virus infection: detection of antibodies with different levels of neutralizing activities against homologous and heterologous genotypes of dengue virus type 2 in common marmosets (Callithrix jacchus). Virology Journal, 2018, 15, 51.	3.4	7
26	Characterization of a novel thogotovirus isolated from Amblyomma testudinarium ticks in Ehime, Japan: A significant phylogenetic relationship to Bourbon virus. Virus Research, 2018, 249, 57-65.	2.2	30
27	Isolation and characterization of Kabuto Mountain virus, a new tick-borne phlebovirus from Haemaphysalis flava ticks in Japan. Virus Research, 2018, 244, 252-261.	2.2	24
28	Replication-incompetent rabies virus vector harboring glycoprotein gene of lymphocytic choriomeningitis virus (LCMV) protects mice from LCMV challenge. PLoS Neglected Tropical Diseases, 2018, 12, e0006398.	3.0	6
29	A loop-mediated isothermal amplification assay for the detection and quantification of JC polyomavirus in cerebrospinal fluid: a diagnostic and clinical management tool and technique for progressive multifocal leukoencephalopathy. Virology Journal, 2018, 15, 136.	3.4	4
30	Human Parainfluenza Virus Type 3 Infections in Patients with Hematopoietic Stem Cell Transplants: the Mode of Nosocomial Infections and Prognosis. Japanese Journal of Infectious Diseases, 2018, 71, 109-115.	1.2	17
31	Comparison of Neutralizing Antibody Titers against Japanese Encephalitis Virus Genotype V Strain with Those against Genotype I and III Strains in the Sera of Japanese Encephalitis Patients in Japan in 2016. Japanese Journal of Infectious Diseases, 2018, 71, 360-364.	1.2	14
32	A Japanese Encephalitis Patient Presenting with Parkinsonism with Corresponding Laterality of Magnetic Resonance and Dopamine Transporter Imaging Findings. Internal Medicine, 2018, 57, 2243-2246.	0.7	4
33	Persistent viruses in mosquito cultured cell line suppress multiplication of flaviviruses. Heliyon, 2018, 4, e00736.	3.2	26
34	Segmentation of the rabies virus genome. Virus Research, 2018, 252, 68-75.	2.2	9
35	The 2nd Meeting of National Control Laboratories for Vaccines and Biologicals in the Western Pacific. Osong Public Health and Research Perspectives, 2018, 9, 133-139.	1.9	2
36	Association of the Emergence of Acyclovir-Resistant Herpes Simplex Virus Type 1 With Prognosis in Hematopoietic Stem Cell Transplantation Patients. Journal of Infectious Diseases, 2017, 215, 865-873.	4.0	23

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37	Reduction of animal suffering in rabies vaccine potency testing by introduction of humane endpoints. Biologicals, 2017, 46, 38-45.	1.4	2
38	Isolation and characterization of Tarumizu tick virus: A new coltivirus from Haemaphysalis flava ticks in Japan. Virus Research, 2017, 242, 131-140.	2.2	34
39	Characterization of large and small-plaque variants in the Zika virus clinical isolate ZIKV/Hu/S36/Chiba/2016. Scientific Reports, 2017, 7, 16160.	3.3	35
40	Importation of Zika Virus from Vietnam to Japan, November 2016. Emerging Infectious Diseases, 2017, 23, 1223-1225.	4.3	26
41	Dengue Virus Type 2 in Travelers Returning to Japan from Sri Lanka, 2017. Emerging Infectious Diseases, 2017, 23, 1931-1933.	4.3	9
42	Dengue Virus Exported from CÃ´te dâ€™Ivoire to Japan, June 2017. Emerging Infectious Diseases, 2017, 23, 1758-1760.	4.3	15
43	Marmosets (Callithrix jacchus) as a non-human primate model for evaluation of candidate dengue vaccines: induction and maintenance of specific protective immunity against challenges with clinical isolates. Journal of General Virology, 2017, 98, 2955-2967.	2.9	10
44	Japanese encephalitis vaccine-facilitated dengue virus infection-enhancement antibody in adults. BMC Infectious Diseases, 2016, 16, 578.	2.9	39
45	Virus Isolation and Preparation of Sucrose-Banded Chikungunya Virus Samples for Transmission Electron Microscopy. Methods in Molecular Biology, 2016, 1426, 153-162.	0.9	3
46	In vitro growth, pathogenicity and serological characteristics of the Japanese encephalitis virus genotype V Muar strain. Journal of General Virology, 2015, 96, 2661-2669.	2.9	31
47	Formation of Infectious Dengue Virusâ€“Antibody Immune Complex In Vivo in Marmosets (Callithrix) Tj ETQq1 1 0.784314 rgBT /Overlo Dengue Virus. American Journal of Tropical Medicine and Hygiene, 2015, 92, 370-376.	1.4	9
48	Genetic and biological characterization of Muko virus, a new distinct member of the species Great Island virus (genus Orbivirus, family Reoviridae), isolated from ixodid ticks in Japan. Archives of Virology, 2015, 160, 2965-2977.	2.1	17
49	Stability of JC Virus DNA in Cerebrospinal Fluid Specimens Preserved with Guanidine Lysis Buffer for Quantitative PCR Testing. Japanese Journal of Infectious Diseases, 2014, 67, 307-310.	1.2	4
50	High-resolution melting analysis for mutation scanning in the non-coding control region of JC polyomavirus from patients with progressive multifocal leukoencephalopathy. Archives of Virology, 2014, 159, 1687-1696.	2.1	10
51	Immunogenicity of single-dose Vero cell-derived Japanese encephalitis vaccine in Japanese adults. Journal of Infection and Chemotherapy, 2014, 20, 238-242.	1.7	7
52	A sensitive inÂvitro assay for the detection of residual viable rabies virus in inactivated rabies vaccines. Biologicals, 2014, 42, 42-47.	1.4	3
53	Sequential changes in the non-coding control region sequences of JC polyomaviruses from the cerebrospinal fluid of patients with progressive multifocal leukoencephalopathy. Archives of Virology, 2013, 158, 639-650.	2.1	20
54	Detection of human herpesviruses in the cerebrospinal fluid from patients diagnosed with or suspected of having progressive multifocal leukoencephalopathy. BMC Neurology, 2013, 13, 200.	1.8	7

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55	Neonatal Herpes Encephalitis Caused by a Virologically Confirmed Acyclovir-Resistant Herpes Simplex Virus 1 Strain. Journal of Clinical Microbiology, 2013, 51, 356-359.	3.9	32
56	Detection of Dengue Virus Nonstructural Protein 1 (NS1) by Using ELISA as a Useful Laboratory Diagnostic Method for Dengue Virus Infection of International Travelers. Journal of Travel Medicine, 2013, 20, 185-193.	3.0	31
57	Characterization of DNA Polymerase-Associated Acyclovir-Resistant Herpes Simplex Virus Type 1: Mutations, Sensitivity to Antiviral Compounds, Neurovirulence, and In-Vivo Sensitivity to Treatment. Japanese Journal of Infectious Diseases, 2013, 66, 404-410.	1.2	15
58	Prospective Weekly Surveillance Of Respiratory Viruses Using Viral Culture In First 100 Days After Allogeneic Stem Cell Transplantation. Blood, 2013, 122, 2050-2050.	1.4	0
59	Dengue Virus Infection-Enhancing Activity in Serum Samples with Neutralizing Activity as Determined by Using FcÎ³R-Expressing Cells. PLoS Neglected Tropical Diseases, 2012, 6, e1536.	3.0	34
60	Characteristics of progressive multifocal leukoencephalopathy clarified through internet-assisted laboratory surveillance in Japan. BMC Neurology, 2012, 12, 121.	1.8	23
61	Dengue virus isolation relying on antibody-dependent enhancement mechanism using FcÎ³R-expressing BHK cells and a monoclonal antibody with infection-enhancing capacity. Journal of Clinical Virology, 2011, 52, 225-230.	3.1	5
62	Clinical and radiological features of imported chikungunya fever in Japan: a study of six cases at the National Center for Global Health and Medicine. Journal of Infection and Chemotherapy, 2011, 17, 419-423.	1.7	23
63	Detection of Higher Levels of Dengue Viremia Using FcÎ³R-Expressing BHK-21 Cells Than FcÎ³R-Negative Cells in Secondary Infection but Not in Primary Infection. Journal of Infectious Diseases, 2011, 203, 1405-1414.	4.0	43
64	High Clonality of Virus-Specific T Lymphocytes Defined by TCR Usage in the Brains of Mice Infected with West Nile Virus. Journal of Immunology, 2011, 187, 3919-3930.	0.8	18
65	Chikungunya Fever from Malaysia. Internal Medicine, 2010, 49, 501-505.	0.7	7
66	Development of an antibody-dependent enhancement assay for dengue virus using stable BHK-21 cell lines expressing FcÎ³RIIA. Journal of Virological Methods, 2010, 163, 205-209.	2.1	35
67	Importation of Dengue Virus Type 3 to Japan from Tanzania and CÃ´te dâ€™Ivoire. Emerging Infectious Diseases, 2010, 16, 1770-1772.	4.3	53
68	Discrepancy in Dengue Virus Neutralizing Antibody Titers between Plaque Reduction Neutralizing Tests with FcÎ³ Receptor (FcÎ³R)-Negative and FcÎ³R-Expressing BHK-21 Cells. Vaccine Journal, 2010, 17, 402-407.	3.1	28
69	Involvement of the FcÂ receptor IIA cytoplasmic domain in antibody-dependent enhancement of dengue virus infection. Journal of General Virology, 2010, 91, 103-111.	2.9	56
70	Needle-free jet injection of small doses of Japanese encephalitis DNA and inactivated vaccine mixture induces neutralizing antibodies in miniature pigs and protects against fetal death and mummification in pregnant sows. Vaccine, 2010, 28, 7373-7380.	3.8	17
71	Molecular and Virological Analyses of Dengue Virus Responsible for Dengue Outbreak in East Timor in 2005. Japanese Journal of Infectious Diseases, 2010, 63, 181-184.	1.2	15
72	Chikungunya Virus Isolated from a Returnee to Japan from Sri Lanka: Isolation of Two Sub-Strains with Different Characteristics. American Journal of Tropical Medicine and Hygiene, 2009, 81, 865-868.	1.4	36

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73	Arbovirus Infections: the Challenges of Controlling an Ever-Present Enemy. Journal of Disaster Research, 2009, 4, 322-328.	0.7	2
74	Vero cell-derived inactivated West Nile (WN) vaccine induces protective immunity against lethal WN virus infection in mice and shows a facilitated neutralizing antibody response in mice previously immunized with Japanese encephalitis vaccine. Virology, 2008, 374, 60-70.	2.4	34
75	Dengue Virus Type 2 Isolated From an Imported Dengue Patient in Japan: First Isolation of Dengue Virus From Nepal. Journal of Travel Medicine, 2008, 15, 46-49.	3.0	38
76	Molecular epidemiological analyses of Japanese encephalitis virus isolates from swine in Japan from 2002 to 2004. Journal of General Virology, 2007, 88, 2762-2768.	2.9	49
77	Detection of antibodies to Japanese encephalitis virus in the wild boars in Hiroshima prefecture, Japan. Epidemiology and Infection, 2007, 135, 974-977.	2.1	33
78	Rapid Genome Sequencing of RNA Viruses. Emerging Infectious Diseases, 2007, 13, 322-324.	4.3	41
79	Characterization of HCV-like particles produced in a human hepatoma cell line by a recombinant baculovirus. Biochemical and Biophysical Research Communications, 2006, 340, 200-208.	2.1	36
80	Oligomerization of Hepatitis C Virus Core Protein Is Crucial for Interaction with the Cytoplasmic Domain of E1 Envelope Protein. Journal of Virology, 2006, 80, 11265-11273.	3.4	48
81	Ligand-Directed Gene Targeting to Mammalian Cells by Pseudotype Baculoviruses. Journal of Virology, 2005, 79, 3639-3652.	3.4	76
82	Role of an Arbovirus Nonstructural Protein in Cellular Pathogenesis and Virus Release. Journal of Virology, 2004, 78, 6649-6656.	3.4	101
83	Pseudotype hepatitis C virus enters immature myeloid dendritic cells through the interaction with lectin. Virology, 2004, 324, 74-83.	2.4	28
84	In Vitro and In Vivo Gene Delivery by Recombinant Baculoviruses. Journal of Virology, 2003, 77, 9799-9808.	3.4	169
85	Intermolecular Interactions in a Two-Layered Viral Capsid That Requires a Complex Symmetry Mismatch. Journal of Virology, 2003, 77, 11114-11124.	3.4	26
86	Functional Dissection of the Major Structural Protein of Bluetongue Virus: Identification of Key Residues within VP7 Essential for Capsid Assembly. Journal of Virology, 2000, 74, 8658-8669.	3.4	35
87	Expression of goose parvovirus VP1 capsid protein by a baculovirus expression system and establishment of fluorescent antibody test to diagnose goose parvovirus infection. Archives of Virology, 1999, 144, 1639-1645.	2.1	17
88	Detection of Goose parvovirus genome by polymerase chain reaction: distribution of Goose parvovirus in Muscovy ducklings. Virus Research, 1996, 42, 167-172.	2.2	31