

# Chang-Kweng Lim

## List of Publications by Year in descending order

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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	A Prospective, Randomized, Open-Label Trial of Early versus Late Favipiravir Therapy in Hospitalized Patients with COVID-19. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	177
2	In Vitro and In Vivo Gene Delivery by Recombinant Baculoviruses. <i>Journal of Virology</i> , 2003, 77, 9799-9808.	3.4	169
3	Role of an Arbovirus Nonstructural Protein in Cellular Pathogenesis and Virus Release. <i>Journal of Virology</i> , 2004, 78, 6649-6656.	3.4	101
4	Ligand-Directed Gene Targeting to Mammalian Cells by Pseudotype Baculoviruses. <i>Journal of Virology</i> , 2005, 79, 3639-3652.	3.4	76
5	Involvement of the Fc $\gamma$ receptor IIA cytoplasmic domain in antibody-dependent enhancement of dengue virus infection. <i>Journal of General Virology</i> , 2010, 91, 103-111.	2.9	56
6	Importation of Dengue Virus Type 3 to Japan from Tanzania and C $\hat{e}$ te d $\hat{a}$ Ivoire. <i>Emerging Infectious Diseases</i> , 2010, 16, 1770-1772.	4.3	53
7	Molecular epidemiological analyses of Japanese encephalitis virus isolates from swine in Japan from 2002 to 2004. <i>Journal of General Virology</i> , 2007, 88, 2762-2768.	2.9	49
8	Oligomerization of Hepatitis C Virus Core Protein Is Crucial for Interaction with the Cytoplasmic Domain of E1 Envelope Protein. <i>Journal of Virology</i> , 2006, 80, 11265-11273.	3.4	48
9	Detection of Higher Levels of Dengue Viremia Using Fc $\gamma$ 3R-Expressing BHK-21 Cells Than Fc $\gamma$ 3R-Negative Cells in Secondary Infection but Not in Primary Infection. <i>Journal of Infectious Diseases</i> , 2011, 203, 1405-1414.	4.0	43
10	Rapid Genome Sequencing of RNA Viruses. <i>Emerging Infectious Diseases</i> , 2007, 13, 322-324.	4.3	41
11	Japanese encephalitis vaccine-facilitated dengue virus infection-enhancement antibody in adults. <i>BMC Infectious Diseases</i> , 2016, 16, 578.	2.9	39
12	Dengue Virus Type 2 Isolated From an Imported Dengue Patient in Japan: First Isolation of Dengue Virus From Nepal. <i>Journal of Travel Medicine</i> , 2008, 15, 46-49.	3.0	38
13	Characterization of HCV-like particles produced in a human hepatoma cell line by a recombinant baculovirus. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 200-208.	2.1	36
14	Chikungunya Virus Isolated from a Returnee to Japan from Sri Lanka: Isolation of Two Sub-Strains with Different Characteristics. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 81, 865-868.	1.4	36
15	Functional Dissection of the Major Structural Protein of Bluetongue Virus: Identification of Key Residues within VP7 Essential for Capsid Assembly. <i>Journal of Virology</i> , 2000, 74, 8658-8669.	3.4	35
16	Development of an antibody-dependent enhancement assay for dengue virus using stable BHK-21 cell lines expressing Fc $\gamma$ 3RIIA. <i>Journal of Virological Methods</i> , 2010, 163, 205-209.	2.1	35
17	Characterization of large and small-plaque variants in the Zika virus clinical isolate ZIKV/Hu/S36/Chiba/2016. <i>Scientific Reports</i> , 2017, 7, 16160.	3.3	35
18	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. <i>Virology</i> , 2008, 374, 60-70.	2.4	34

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19	Dengue Virus Infection-Enhancing Activity in Serum Samples with Neutralizing Activity as Determined by Using FcI <sup>3</sup> R-Expressing Cells. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1536.	3.0	34
20	Isolation and characterization of Tarumizu tick virus: A new coltivirus from <i>Haemaphysalis flava</i> ticks in Japan. <i>Virus Research</i> , 2017, 242, 131-140.	2.2	34
21	Detection of antibodies to Japanese encephalitis virus in the wild boars in Hiroshima prefecture, Japan. <i>Epidemiology and Infection</i> , 2007, 135, 974-977.	2.1	33
22	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. <i>Journal of Infection and Chemotherapy</i> , 2019, 25, 786-790.	1.7	33
23	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
24	Detection of Goose parvovirus genome by polymerase chain reaction: distribution of Goose parvovirus in Muscovy ducklings. <i>Virus Research</i> , 1996, 42, 167-172.	2.2	31
25	Detection of Dengue Virus Nonstructural Protein 1 (NS1) by Using ELISA as a Useful Laboratory Diagnostic Method for Dengue Virus Infection of International Travelers. <i>Journal of Travel Medicine</i> , 2013, 20, 185-193.	3.0	31
26	In vitro growth, pathogenicity and serological characteristics of the Japanese encephalitis virus genotype V Muar strain. <i>Journal of General Virology</i> , 2015, 96, 2661-2669.	2.9	31
27	Characterization of a novel thogotovirus isolated from <i>Amblyomma testudinarium</i> ticks in Ehime, Japan: A significant phylogenetic relationship to Bourbon virus. <i>Virus Research</i> , 2018, 249, 57-65.	2.2	30
28	Pseudotype hepatitis C virus enters immature myeloid dendritic cells through the interaction with lectin. <i>Virology</i> , 2004, 324, 74-83.	2.4	28
29	Discrepancy in Dengue Virus Neutralizing Antibody Titers between Plaque Reduction Neutralizing Tests with FcI <sup>3</sup> Receptor (FcI <sup>3</sup> R)-Negative and FcI <sup>3</sup> R-Expressing BHK-21 Cells. <i>Vaccine Journal</i> , 2010, 17, 402-407.	3.1	28
30	Intermolecular Interactions in a Two-Layered Viral Capsid That Requires a Complex Symmetry Mismatch. <i>Journal of Virology</i> , 2003, 77, 11114-11124.	3.4	26
31	Importation of Zika Virus from Vietnam to Japan, November 2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 1223-1225.	4.3	26
32	Persistent viruses in mosquito cultured cell line suppress multiplication of flaviviruses. <i>Heliyon</i> , 2018, 4, e00736.	3.2	26
33	Isolation and characterization of Kabuto Mountain virus, a new tick-borne phlebovirus from <i>Haemaphysalis flava</i> ticks in Japan. <i>Virus Research</i> , 2018, 244, 252-261.	2.2	24
34	Clinical and radiological features of imported chikungunya fever in Japan: a study of six cases at the National Center for Global Health and Medicine. <i>Journal of Infection and Chemotherapy</i> , 2011, 17, 419-423.	1.7	23
35	Characteristics of progressive multifocal leukoencephalopathy clarified through internet-assisted laboratory surveillance in Japan. <i>BMC Neurology</i> , 2012, 12, 121.	1.8	23
36	Association of the Emergence of Acyclovir-Resistant Herpes Simplex Virus Type 1 With Prognosis in Hematopoietic Stem Cell Transplantation Patients. <i>Journal of Infectious Diseases</i> , 2017, 215, 865-873.	4.0	23

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37	Sequential changes in the non-coding control region sequences of JC polyomaviruses from the cerebrospinal fluid of patients with progressive multifocal leukoencephalopathy. <i>Archives of Virology</i> , 2013, 158, 639-650.	2.1	20
38	High Clonality of Virus-Specific T Lymphocytes Defined by TCR Usage in the Brains of Mice Infected with West Nile Virus. <i>Journal of Immunology</i> , 2011, 187, 3919-3930.	0.8	18
39	E and prM proteins of genotype V Japanese encephalitis virus are required for its increased virulence in mice. <i>Heliyon</i> , 2019, 5, e02882.	3.2	18
40	Neuroinvasiveness of the MR766 strain of Zika virus in IFNAR-/- mice maps to prM residues conserved amongst African genotype viruses. <i>PLoS Pathogens</i> , 2021, 17, e1009788.	4.7	18
41	Expression of goose parvovirus VP1 capsid protein by a baculovirus expression system and establishment of fluorescent antibody test to diagnose goose parvovirus infection. <i>Archives of Virology</i> , 1999, 144, 1639-1645.	2.1	17
42	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. <i>Vaccine</i> , 2010, 28, 7373-7380.	3.8	17
43	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. <i>Archives of Virology</i> , 2015, 160, 2965-2977.	2.1	17
44	Human Parainfluenza Virus Type 3 Infections in Patients with Hematopoietic Stem Cell Transplants: the Mode of Nosocomial Infections and Prognosis. <i>Japanese Journal of Infectious Diseases</i> , 2018, 71, 109-115.	1.2	17
45	Increased growth ability and pathogenicity of American- and Pacific-subtype Zika virus (ZIKV) strains compared with a Southeast Asian-subtype ZIKV strain. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007387.	3.0	16
46	Characterization of DNA Polymerase-Associated Acyclovir-Resistant Herpes Simplex Virus Type 1: Mutations, Sensitivity to Antiviral Compounds, Neurovirulence, and In-Vivo Sensitivity to Treatment. <i>Japanese Journal of Infectious Diseases</i> , 2013, 66, 404-410.	1.2	15
47	Dengue Virus Exported from Côte d'Ivoire to Japan, June 2017. <i>Emerging Infectious Diseases</i> , 2017, 23, 1758-1760.	4.3	15
48	Development of a recombinant replication-deficient rabies virus-based bivalent-vaccine against MERS-CoV and rabies virus and its humoral immunogenicity in mice. <i>PLoS ONE</i> , 2019, 14, e0223684.	2.5	15
49	Molecular and Virological Analyses of Dengue Virus Responsible for Dengue Outbreak in East Timor in 2005. <i>Japanese Journal of Infectious Diseases</i> , 2010, 63, 181-184.	1.2	15
50	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. <i>Japanese Journal of Infectious Diseases</i> , 2018, 71, 360-364.	1.2	14
51	Heat Shock Protein 90 Ensures the Integrity of Rubella Virus p150 Protein and Supports Viral Replication. <i>Journal of Virology</i> , 2019, 93, .	3.4	14
52	Establishment of Intestinal Organoid from <i>Rousettus leschenaultii</i> and the Susceptibility to Bat-Associated Viruses, SARS-CoV-2 and Pteropine Orthoreovirus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10763.	4.1	14
53	Stearoyl-CoA desaturase-1 is required for flavivirus RNA replication. <i>Antiviral Research</i> , 2019, 165, 42-46.	4.1	12
54	An estrogen antagonist, cyclofenil, has anti-dengue-virus activity. <i>Archives of Virology</i> , 2019, 164, 225-234.	2.1	11

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55	High-resolution melting analysis for mutation scanning in the non-coding control region of JC polyomavirus from patients with progressive multifocal leukoencephalopathy. <i>Archives of Virology</i> , 2014, 159, 1687-1696.	2.1	10
56	Identification of inhibitors of dengue viral replication using replicon cells expressing secretory luciferase. <i>Antiviral Research</i> , 2019, 172, 104643.	4.1	10
57	Marmosets ( <i>Callithrix jacchus</i> ) as a non-human primate model for evaluation of candidate dengue vaccines: induction and maintenance of specific protective immunity against challenges with clinical isolates. <i>Journal of General Virology</i> , 2017, 98, 2955-2967.	2.9	10
58	Japanese Encephalitis- and Dengue-Associated Acute Encephalitis Syndrome Cases in Myanmar. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 643-646.	1.4	10
59	Formation of Infectious Dengue Virus-Antibody Immune Complex In Vivo in Marmosets ( <i>Callithrix Tj</i> ETQq1 1 0.784314 rgBT /Over Dengue Virus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 370-376.	1.4	9
60	Dengue Virus Type 2 in Travelers Returning to Japan from Sri Lanka, 2017. <i>Emerging Infectious Diseases</i> , 2017, 23, 1931-1933.	4.3	9
61	Segmentation of the rabies virus genome. <i>Virus Research</i> , 2018, 252, 68-75.	2.2	9
62	Chikungunya Fever from Malaysia. <i>Internal Medicine</i> , 2010, 49, 501-505.	0.7	7
63	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
64	Immunogenicity of single-dose Vero cell-derived Japanese encephalitis vaccine in Japanese adults. <i>Journal of Infection and Chemotherapy</i> , 2014, 20, 238-242.	1.7	7
65	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 ( <i>Callithrix jacchus</i> ). <i>Virology Journal</i> , 2018, 15, 51.	3.4	7
66	Analysis of the Function of the Lymphocytic Choriomeningitis Virus S Segment Untranslated Region on Growth Capacity In Vitro and on Virulence In Vivo. <i>Viruses</i> , 2020, 12, 896.	3.3	7
67	Replication-incompetent rabies virus vector harboring glycoprotein gene of lymphocytic choriomeningitis virus (LCMV) protects mice from LCMV challenge. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006398.	3.0	6
68	Immunogenicity and Protective Ability of Genotype I-Based Recombinant Japanese Encephalitis Virus (JEV) with Attenuation Mutations in E Protein against Genotype V JEV. <i>Vaccines</i> , 2021, 9, 1077.	4.4	6
69	Leu-to-Phe substitution at prM146 decreases the growth ability of Zika virus and partially reduces its pathogenicity in mice. <i>Scientific Reports</i> , 2021, 11, 19635.	3.3	6
70	Reverse Genetics System for Heartland Bandavirus: NSs Protein Contributes to Heartland Bandavirus Virulence. <i>Journal of Virology</i> , 2022, 96, e0004922.	3.4	6
71	Dengue virus isolation relying on antibody-dependent enhancement mechanism using FcγR-expressing BHK cells and a monoclonal antibody with infection-enhancing capacity. <i>Journal of Clinical Virology</i> , 2011, 52, 225-230.	3.1	5
72	Amino Acid at Position 166 of NS2A in Japanese Encephalitis Virus (JEV) Is Associated with In Vitro Growth Characteristics of JEV. <i>Viruses</i> , 2020, 12, 709.	3.3	5

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73	Stability of JC Virus DNA in Cerebrospinal Fluid Specimens Preserved with Guanidine Lysis Buffer for Quantitative PCR Testing. <i>Japanese Journal of Infectious Diseases</i> , 2014, 67, 307-310.	1.2	4
74	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. <i>Virology Journal</i> , 2018, 15, 136.	3.4	4
75	A Japanese Encephalitis Patient Presenting with Parkinsonism with Corresponding Laterality of Magnetic Resonance and Dopamine Transporter Imaging Findings. <i>Internal Medicine</i> , 2018, 57, 2243-2246.	0.7	4
76	Dengue Virus Type 2 Infection in a Traveler Returning from Saudi Arabia to Japan. <i>Japanese Journal of Infectious Diseases</i> , 2019, 72, 340-342.	1.2	4
77	Neutralization Potency of Sera from Vietnamese Patients with Japanese Encephalitis (JE) against Genotypes I and V JE Viruses. <i>Japanese Journal of Infectious Diseases</i> , 2019, 72, 115-117.	1.2	4
78	A sensitive in vitro assay for the detection of residual viable rabies virus in inactivated rabies vaccines. <i>Biologicals</i> , 2014, 42, 42-47.	1.4	3
79	Virus Isolation and Preparation of Sucrose-Banded Chikungunya Virus Samples for Transmission Electron Microscopy. <i>Methods in Molecular Biology</i> , 2016, 1426, 153-162.	0.9	3
80	Construction and characterization of an infectious clone generated from Chikungunya virus SL11131 strain. <i>Virology</i> , 2021, 552, 52-62.	2.4	3
81	Dengue Virus Serotype 1 Exported to Japan from Cote d'Ivoire, 2019. <i>Japanese Journal of Infectious Diseases</i> , 2021, 74, 148-150.	1.2	3
82	Reduction of animal suffering in rabies vaccine potency testing by introduction of humane endpoints. <i>Biologicals</i> , 2017, 46, 38-45.	1.4	2
83	Embryonic Stage of Congenital Zika Virus Infection Determines Fetal and Postnatal Outcomes in Mice. <i>Viruses</i> , 2021, 13, 1807.	3.3	2
84	Arbovirus Infections: the Challenges of Controlling an Ever-Present Enemy. <i>Journal of Disaster Research</i> , 2009, 4, 322-328.	0.7	2
85	The 2nd Meeting of National Control Laboratories for Vaccines and Biologicals in the Western Pacific. <i>Osong Public Health and Research Perspectives</i> , 2018, 9, 133-139.	1.9	2
86	Virological and genomic analysis of SARS-CoV-2 from a favipiravir clinical trial cohort. <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 1350-1356.	1.7	1
87	Prospective Weekly Surveillance Of Respiratory Viruses Using Viral Culture In First 100 Days After Allogeneic Stem Cell Transplantation. <i>Blood</i> , 2013, 122, 2050-2050.	1.4	0
88	Genotype-Dependent Immunogenicity of Dengue Virus Type 2 Asian I and Asian/American Genotypes in Common Marmoset ( <i>Callithrix jacchus</i> ): Discrepancy in Neutralizing and Infection-Enhancing Antibody Levels between Genotypes. <i>Microorganisms</i> , 2021, 9, 2196.	3.6	0