

Kenta Shimizu

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

3,160
citations

394421

19
h-index

206112

48
g-index

48
all docs

48
docs citations

48
times ranked

4412
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 B.1.617.2 Delta variant replication and immune evasion. <i>Nature</i> , 2021, 599, 114-119.	27.8	1,041
2	Altered TMPRSS2 usage by SARS-CoV-2 Omicron impacts infectivity and fusogenicity. <i>Nature</i> , 2022, 603, 706-714.	27.8	756
3	Enhanced fusogenicity and pathogenicity of SARS-CoV-2 Delta P681R mutation. <i>Nature</i> , 2022, 602, 300-306.	27.8	428
4	Rabies Virus Nucleoprotein Functions To Evade Activation of the RIG-I-Mediated Antiviral Response. <i>Journal of Virology</i> , 2010, 84, 4002-4012.	3.4	96
5	Role of Interferon Antagonist Activity of Rabies Virus Phosphoprotein in Viral Pathogenicity. <i>Journal of Virology</i> , 2010, 84, 6699-6710.	3.4	91
6	bla _{NDM-1} -positive <i>Klebsiella pneumoniae</i> from Environment, Vietnam. <i>Emerging Infectious Diseases</i> , 2012, 18, 1383-5.	4.3	72
7	Involvement of nucleoprotein, phosphoprotein, and matrix protein genes of rabies virus in virulence for adult mice. <i>Virus Research</i> , 2007, 123, 154-160.	2.2	68
8	Amino acids at positions 273 and 394 in rabies virus nucleoprotein are important for both evasion of host RIG-I-mediated antiviral response and pathogenicity. <i>Virus Research</i> , 2011, 155, 168-174.	2.2	54
9	Clinical and Epidemiological Characteristics of Scrub Typhus and Murine Typhus among Hospitalized Patients with Acute Undifferentiated Fever in Northern Vietnam. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 972-978.	1.4	50
10	Serological evidence of infection with rodent-borne hepatitis E virus HEV-C1 or antigenically related virus in humans. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 1677-1681.	0.9	35
11	Neutrophil Depletion Suppresses Pulmonary Vascular Hyperpermeability and Occurrence of Pulmonary Edema Caused by Hantavirus Infection in C.B-17 SCID Mice. <i>Journal of Virology</i> , 2014, 88, 7178-7188.	3.4	32
12	Sensitivity of Rabies Virus to Type I Interferon Is Determined by the Phosphoprotein Gene. <i>Microbiology and Immunology</i> , 2006, 50, 975-978.	1.4	30
13	Molecular Epidemiological and Serological Studies of Hantavirus Infection in Northern Vietnam. <i>Journal of Veterinary Medical Science</i> , 2009, 71, 1357-1363.	0.9	29
14	Amino acid at position 95 of the matrix protein is a cytopathic determinant of rabies virus. <i>Virus Research</i> , 2008, 137, 33-39.	2.2	25
15	Rapid, whole blood diagnostic test for detecting anti-hantavirus antibody in rats. <i>Journal of Virological Methods</i> , 2013, 193, 42-49.	2.1	25
16	Quantitative Analysis of the Microtubule Interaction of Rabies Virus P3 Protein: Roles in Immune Evasion and Pathogenesis. <i>Scientific Reports</i> , 2016, 6, 33493.	3.3	24
17	Characterization of the Immune Resistance of Severe Acute Respiratory Syndrome Coronavirus 2 Mu Variant and the Robust Immunity Induced by Mu Infection. <i>Journal of Infectious Diseases</i> , 2022, 226, 1200-1203.	4.0	22
18	Truncated Hantavirus Nucleocapsid Proteins for Serotyping Sin Nombre, Andes, and Laguna Negra Hantavirus Infections in Humans and Rodents. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1635-1642.	3.9	21

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19	Characterization of Recombinant Rabies Virus Carrying Double Glycoprotein Genes. <i>Microbiology and Immunology</i> , 2006, 50, 187-196.	1.4	19
20	Studies on Hantavirus Infection in Small Mammals Captured in Southern and Central Highland Area of Vietnam. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 1155-1162.	0.9	19
21	Novel serological tools for detection of Thottapalayam virus, a Soricomorpha-borne hantavirus. <i>Archives of Virology</i> , 2012, 157, 2179-2187.	2.1	17
22	Exposure to Hantavirus is a Risk Factor Associated with Kidney Diseases in Sri Lanka: A Cross Sectional Study. <i>Viruses</i> , 2019, 11, 700.	3.3	15
23	Development of a serotyping enzyme-linked immunosorbent assay system based on recombinant truncated hantavirus nucleocapsid proteins for New World hantavirus infection. <i>Journal of Virological Methods</i> , 2012, 185, 74-81.	2.1	13
24	Amino Acid Substitution at Position 95 in Rabies Virus Matrix Protein Affects Viral Pathogenicity. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 1363-1366.	0.9	12
25	Distinct genetic characteristics of Sri Lankan <i>Rattus</i> and <i>Bandicota</i> (Murinae, Rodentia) inferred from mitochondrial and nuclear markers. <i>Genes and Genetic Systems</i> , 2014, 89, 71-80.	0.7	12
26	The amino acid at position 624 in the glycoprotein of SFTSV (severe fever with thrombocytopenia syndrome virus) affects its activity. <i>Biomedical Research</i> , 2017, 38, 89-97.	0.9	12
27	Targeting of severe fever with thrombocytopenia syndrome virus structural proteins to the ERGIC (endoplasmic reticulum Golgi intermediate compartment) and Golgi complex. <i>Biomedical Research</i> , 2018, 39, 27-38.	0.9	11
28	Application of Truncated Nucleocapsid Protein (N) for Serotyping ELISA of Murinae-Associated Hantavirus Infection in Rats. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 215-219.	0.9	10
29	Different cross-reactivity of human and rodent sera to Tula virus and Puumala virus. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2010, 33, e67-e73.	1.6	9
30	Development of an immunochromatography strip test based on truncated nucleocapsid antigens of three representative hantaviruses. <i>Virology Journal</i> , 2014, 11, 87.	3.4	9
31	Epizootiological study of rodent-borne hepatitis E virus HEV-C1 in small mammals in Hanoi, Vietnam. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 76-81.	0.9	9
32	Establishment of Subclones of the Severe Fever with Thrombocytopenia Syndrome Virus YG1 Strain Selected Using Low pH-Dependent Cell Fusion Activity. <i>Japanese Journal of Infectious Diseases</i> , 2017, 70, 388-393.	1.2	9
33	Epidemiology of Hantavirus Infection in Thousand Islands Regency of Jakarta, Indonesia. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 1003-1008.	0.9	8
34	Prevalence and Phylogenetic Analysis of <i>Orientalia tsutsugamushi</i> in Small Mammals in Hanoi, Vietnam. <i>Vector-Borne and Zoonotic Diseases</i> , 2016, 16, 96-102.	1.5	8
35	Appearance of renal hemorrhage in adult mice after inoculation of patient-derived hantavirus. <i>Virology Journal</i> , 2017, 14, 13.	3.4	8
36	Role of nucleocapsid protein of hantaviruses in intracellular traffic of viral glycoproteins. <i>Virus Research</i> , 2013, 178, 349-356.	2.2	7

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37	Serological Evidence of Thailand Orthohantavirus or Antigenically Related Virus Infection Among Rodents in a Chronic Kidney Disease of Unknown Etiology Endemic Area, Girandurukotte, Sri Lanka. <i>Vector-Borne and Zoonotic Diseases</i> , 2019, 19, 859-866.	1.5	7
38	The Polarity of an Amino Acid at Position 1891 of Severe Fever with Thrombocytopenia Syndrome Virus L Protein Is Critical for the Polymerase Activity. <i>Viruses</i> , 2021, 13, 33.	3.3	7
39	The N-terminus of the Montano virus nucleocapsid protein possesses broadly cross-reactive conformation-dependent epitopes conserved in rodent-borne hantaviruses. <i>Virology</i> , 2012, 428, 48-57.	2.4	6
40	The nucleoprotein and matrix protein segments of H5N1 influenza viruses are responsible for dominance in embryonated eggs. <i>Journal of General Virology</i> , 2011, 92, 1645-1649.	2.9	5
41	Involvement of CD8+ T cells in the development of renal hemorrhage in a mouse model of hemorrhagic fever with renal syndrome. <i>Archives of Virology</i> , 2018, 163, 1577-1584.	2.1	5
42	Immunological Responses to Seoul Orthohantavirus in Experimentally and Naturally Infected Brown Rats (<i>Rattus norvegicus</i>). <i>Viruses</i> , 2021, 13, 665.	3.3	5
43	Identification of Novel Rodent-Borne Orthohantaviruses in an Endemic Area of Chronic Kidney Disease of Unknown Etiology (CKDu) in Sri Lanka. <i>Viruses</i> , 2021, 13, 1984.	3.3	5
44	Evaluation of truncated LipL32 expressed by <i>Escherichia coli</i> and <i>Pichia pastoris</i> for serodiagnosis of <i>Leptospira</i> infection in rodents. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 221-230.	0.9	4
45	Serological methods for detection of infection with shrew-borne hantaviruses: Thottapalayam, Seewis, Altai, and Asama viruses. <i>Archives of Virology</i> , 2021, 166, 275-280.	2.1	4
46	Subcellular localization of nucleocapsid protein of SFTSV and its assembly into the ribonucleoprotein complex with L protein and viral RNA. <i>Scientific Reports</i> , 2021, 11, 22977.	3.3	3
47	Evidence of infection with <i>Leptospira interrogans</i> and spotted fever group rickettsiae among rodents in an urban area of Osaka City, Japan. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1261-1263.	0.9	2
48	Reply to Comments by Yih et al. (Exposure to Hantavirus is a Risk Factor Associated with Kidney) <i>Tj ETQq0 0 0 rgBT/Qverlock 10 Tf 50 3</i>	3.3	1