

# Yuta Kanai

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4838591/yuta-kanai-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36  
papers

558  
citations

14  
h-index

23  
g-index

39  
ext. papers

714  
ext. citations

5.4  
avg, IF

3.57  
L-index

#	Paper	IF	Citations
36	Entirely plasmid-based reverse genetics system for rotaviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 2349-2354	11.5	99
35	Long-term shedding of hepatitis E virus in the feces of pigs infected naturally, born to sows with and without maternal antibodies. <i>Journal of Medical Virology</i> , <b>2010</b> , 82, 69-76	19.7	48
34	Hepatitis E virus in Norway rats ( <i>Rattus norvegicus</i> ) captured around a pig farm. <i>BMC Research Notes</i> , <b>2012</b> , 5, 4	2.3	40
33	Imported case of acute respiratory tract infection associated with a member of species nelson bay orthoreovirus. <i>PLoS ONE</i> , <b>2014</b> , 9, e92777	3.7	35
32	Reverse Genetics System Demonstrates that Rotavirus Nonstructural Protein NSP6 Is Not Essential for Viral Replication in Cell Culture. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	27
31	Amantadine- and oseltamivir-resistant variants of influenza A viruses in Thailand. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 390, 897-901	3.4	25
30	Development of Stable Rotavirus Reporter Expression Systems. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	25
29	Recovery of African horse sickness virus from synthetic RNA. <i>Journal of General Virology</i> , <b>2013</b> , 94, 2259-2265	4.9	24
28	Reverse Genetics System for a Human Group A Rotavirus. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	21
27	Cell-cell fusion induced by reovirus FAST proteins enhances replication and pathogenicity of non-enveloped dsRNA viruses. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007675	7.6	20
26	Reverse Genetics for Fusogenic Bat-Borne Orthoreovirus Associated with Acute Respiratory Tract Infections in Humans: Role of Outer Capsid Protein $\sigma$ in Viral Replication and Pathogenesis. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005455	7.6	20
25	Immunogenicity of recombinant VP2 proteins of all nine serotypes of African horse sickness virus. <i>Vaccine</i> , <b>2014</b> , 32, 4932-7	4.1	19
24	Epidemiology, histopathology, and muscle distribution of <i>Trichinella</i> T9 in feral raccoons ( <i>Procyon lotor</i> ) and wildlife of Japan. <i>Parasitology Research</i> , <b>2007</b> , 100, 1287-91	2.4	17
23	The use of tetracycline in anthelmintic baits to assess baiting rate and drug efficacy against <i>Echinococcus multilocularis</i> in foxes. <i>Veterinary Parasitology</i> , <b>2007</b> , 150, 88-96	2.8	16
22	Reliability of a newly-developed immunochromatography diagnostic kit for pandemic influenza A/H1N1pdm virus: implications for drug administration. <i>PLoS ONE</i> , <b>2012</b> , 7, e50670	3.7	14
21	Fermentation metabolites from <i>Lactobacillus gasseri</i> and <i>Propionibacterium freudenreichii</i> exert bacteriocidal effects in mice. <i>Journal of Medicinal Food</i> , <b>2010</b> , 13, 1460-7	2.8	11
20	Infectious prion protein in the filtrate even after 15 nm filtration. <i>Biologicals</i> , <b>2010</b> , 38, 311-3	1.8	11

19	Lethal murine infection model for human respiratory disease-associated Pteropine orthoreovirus. <i>Virology</i> , <b>2018</b> , 514, 57-65	3.6	10
18	Multiple large foreign protein expression by a single recombinant baculovirus: a system for production of multivalent vaccines. <i>Protein Expression and Purification</i> , <b>2013</b> , 91, 77-84	2	10
17	Live Imaging of Oncolytic Mammalian Orthoreovirus Expressing NanoLuc Luciferase in Tumor Xenograft Mice. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	8
16	Characterization of H5N1 influenza viruses isolated from humans in vitro. <i>Virology Journal</i> , <b>2010</b> , 7, 112	6.1	8
15	Trichinella nativa and Trichinella T9 in the Hokkaido island, Japan. <i>Parasitology International</i> , <b>2006</b> , 55, 313-5	2.1	7
14	The impact of antigenic drift of influenza A virus on human herd immunity: Sero-epidemiological study of H1N1 in healthy Thai population in 2009. <i>Vaccine</i> , <b>2010</b> , 28, 5437-44	4.1	6
13	Distinct propagation efficiencies of H5N1 influenza virus Thai isolates in newly established murine respiratory region-derived cell clones. <i>Virus Research</i> , <b>2010</b> , 153, 218-25	6.4	6
12	Distribution and Propagation of Hepatitis E Virus in Experimentally Infected Swine. <i>The Open Veterinary Science Journal</i> , <b>2007</b> , 1, 1-6		6
11	Reverse Genetics Approach for Developing Rotavirus Vaccine Candidates Carrying VP4 and VP7 Genes Cloned from Clinical Isolates of Human Rotavirus. <i>Journal of Virology</i> , <b>2020</b> , 95,	6.6	6
10	Development of Taenia saginata asiatica metacestodes in SCID mice and its infectivity in human and alternative definitive hosts. <i>Parasitology Research</i> , <b>2005</b> , 96, 95-101	2.4	5
9	Epizootiological survey of Trichinella spp. infection in carnivores, rodents and insectivores in Hokkaido, Japan. <i>Japanese Journal of Veterinary Research</i> , <b>2007</b> , 54, 175-82		4
8	Rotavirus reverse genetics systems: Development and application. <i>Virus Research</i> , <b>2021</b> , 295, 198296	6.4	3
7	Epidemiology and genetic diversity of group A rotavirus in pediatric patients with acute gastroenteritis in Thailand, 2018-2019. <i>Infection, Genetics and Evolution</i> , <b>2021</b> , 95, 104898	4.5	2
6	Development of an entirely plasmid-based reverse genetics system for 12-segmented double-stranded RNA viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	1
5	Morphological and molecular characterization of sylvatic isolates of Trichinella T9 obtained from feral raccoons (Procyon lotor). <i>Nihon Senchu Gakkai Shi = Japanese Journal of Nematology</i> , <b>2011</b> , 41, 27-29	0.1	1
4	Generation of Genetically RGD $\pi$ -Modified Oncolytic Reovirus That Enhances JAM-A-Independent Infection of Tumor Cells. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	1
3	Generation of recombinant rotaviruses encoding a split NanoLuc peptide tag. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 534, 740-746	3.4	1
2	FAST Proteins: Development and Use of Reverse Genetics Systems for Viruses. <i>Annual Review of Virology</i> , <b>2021</b> , 8, 515-536	14.6	0

- 1 The nonstructural p17 protein of a fusogenic bat-borne reovirus regulates viral replication in virus species- and host-specific manners. *PLoS Pathogens*, **2022**, 18, e1010553

7.6 ○