

Keizo Tomonaga

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7374882/keizo-tomonaga-publications-by-year.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.

88
papers

2,557
citations

25
h-index

49
g-index

105
ext. papers

3,291
ext. citations

5.8
avg, IF

4.76
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 88 | A comprehensive profiling of innate immune responses in Eptesicus bat cells. <i>Microbiology and Immunology</i> , 2021 , | 2.7 | 1 |
| 87 | Borna disease virus phosphoprotein triggers the organization of viral inclusion bodies by liquid-liquid phase separation. <i>International Journal of Biological Macromolecules</i> , 2021 , 192, 55-63 | 7.9 | 3 |
| 86 | Characterization of an active LINE-1 in the naked mole-rat genome. <i>Scientific Reports</i> , 2021 , 11, 5725 | 4.9 | 4 |
| 85 | 100-My history of bornavirus infections hidden in vertebrate genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 8 |
| 84 | A Human Endogenous Bornavirus-Like Nucleoprotein Encodes a Mitochondrial Protein Associated with Cell Viability. <i>Journal of Virology</i> , 2021 , 95, e0203020 | 6.6 | 0 |
| 83 | Identification of a reptile lyssavirus in Anolis allogus provided novel insights into lyssavirus evolution. <i>Virus Genes</i> , 2021 , 57, 40-49 | 2.3 | 4 |
| 82 | Virus-like insertions with sequence signatures similar to those of endogenous nonretroviral RNA viruses in the human genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 4 |
| 81 | Identification of novel avian and mammalian deltaviruses provides new insights into deltavirus evolution. <i>Virus Evolution</i> , 2021 , 7, veab003 | 3.7 | 11 |
| 80 | Radioligand Assay-Based Detection of Antibodies against SARS-CoV-2 in Hospital Workers Treating Patients with Severe COVID-19 in Japan. <i>Viruses</i> , 2021 , 13, | 6.2 | 2 |
| 79 | ICTV Virus Taxonomy Profile:. <i>Journal of General Virology</i> , 2021 , 102, | 4.9 | 2 |
| 78 | Hidden Viral Sequences in Public Sequencing Data and Warning for Future Emerging Diseases. <i>MBio</i> , 2021 , 12, e0163821 | 7.8 | 2 |
| 77 | The Borna Disease Virus 2 (BoDV-2) Nucleoprotein Is a Conspecific Protein That Enhances BoDV-1 RNA-Dependent RNA Polymerase Activity. <i>Journal of Virology</i> , 2021 , 95, e0093621 | 6.6 | 0 |
| 76 | 2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021 , 166, 3513-3566 | 2.6 | 10 |
| 75 | BUD23-TRMT112 interacts with the L protein of Borna disease virus and mediates the chromosomal tethering of viral ribonucleoproteins. <i>Microbiology and Immunology</i> , 2021 , 65, 492-504 | 2.7 | 3 |
| 74 | ADAR2 Is Involved in Self and Nonspecific Recognition of Borna Disease Virus Genomic RNA in the Nucleus. <i>Journal of Virology</i> , 2020 , 94, | 6.6 | 7 |
| 73 | In vivo biodistribution analysis of transmission competent and defective RNA virus-based episomal vector. <i>Scientific Reports</i> , 2020 , 10, 5890 | 4.9 | 3 |
| 72 | Reverse genetics approaches of Borna disease virus: applications in development of viral vectors and preventive vaccines. <i>Current Opinion in Virology</i> , 2020 , 44, 42-48 | 7.5 | 2 |

| | | | |
|----|---|------|-----|
| 71 | Differential roles of two DDX17 isoforms in the formation of membraneless organelles. <i>Journal of Biochemistry</i> , 2020 , 168, 33-40 | 3.1 | 3 |
| 70 | Production of high-titer transmission-defective RNA virus-based episomal vector using tangential flow filtration. <i>Microbiology and Immunology</i> , 2020 , 64, 602-609 | 2.7 | |
| 69 | Modeling Borna Disease Virus Spread Reveals the Mode of Antiviral Effect Conferred by an Endogenous Bornavirus-Like Element. <i>Journal of Virology</i> , 2020 , 94, | 6.6 | 2 |
| 68 | Development of a reverse transcription-loop-mediated isothermal amplification assay for the detection of parrot bornavirus 4. <i>Journal of Virological Methods</i> , 2020 , 275, 113749 | 2.6 | 0 |
| 67 | Optimal Expression of the Envelope Glycoprotein of Orthobornaviruses Determines the Production of Mature Virus Particles. <i>Journal of Virology</i> , 2020 , | 6.6 | 1 |
| 66 | Taxonomy of the order Mononegavirales: second update 2018. <i>Archives of Virology</i> , 2019 , 164, 1233-1244. | 4.6 | 50 |
| 65 | Taxonomy of the order Mononegavirales: update 2019. <i>Archives of Virology</i> , 2019 , 164, 1967-1980 | 2.6 | 133 |
| 64 | RNA Virus-Based Episomal Vector with a Fail-Safe Switch Facilitating Efficient Genetic Modification and Differentiation of iPSCs. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019 , 14, 47-55 | 6.4 | 9 |
| 63 | Intracellular dynamics of actin affects Borna disease virus replication in the nucleus. <i>Virus Research</i> , 2019 , 263, 179-183 | 6.4 | 1 |
| 62 | Splicing-Dependent Subcellular Targeting of Borna Disease Virus Nucleoprotein Isoforms. <i>Journal of Virology</i> , 2019 , 93, | 6.6 | 3 |
| 61 | Paleovirology of bornaviruses: What can be learned from molecular fossils of bornaviruses. <i>Virus Research</i> , 2019 , 262, 2-9 | 6.4 | 13 |
| 60 | Taxonomy of the order Mononegavirales: update 2018. <i>Archives of Virology</i> , 2018 , 163, 2283-2294 | 2.6 | 111 |
| 59 | A Viral (Arc)hive for Metazoan Memory. <i>Cell</i> , 2018 , 172, 8-10 | 56.2 | 5 |
| 58 | Prevalence of antibodies against Borna disease virus proteins in Japanese children with autism spectrum disorder. <i>Microbiology and Immunology</i> , 2018 , 62, 473 | 2.7 | 5 |
| 57 | Systematic estimation of insertion dates of endogenous bornavirus-like elements in vesper bats. <i>Journal of Veterinary Medical Science</i> , 2018 , 80, 1356-1363 | 1.1 | 5 |
| 56 | Degradation of amyloid β peptide by neprilysin expressed from Borna disease virus vector. <i>Microbiology and Immunology</i> , 2018 , 62, 467 | 2.7 | 6 |
| 55 | Two Neuropsychiatric Cases Seropositive for Bornavirus Improved by Ribavirin. <i>Japanese Journal of Infectious Diseases</i> , 2018 , 71, 338-342 | 2.7 | 2 |
| 54 | Taxonomy of the order Mononegavirales: update 2017. <i>Archives of Virology</i> , 2017 , 162, 2493-2504 | 2.6 | 137 |

| | | | |
|----|--|------|-----|
| 53 | Antiviral activity of favipiravir (T-705) against mammalian and avian bornaviruses. <i>Antiviral Research</i> , 2017 , 143, 237-245 | 10.8 | 19 |
| 52 | Detection of Antibodies against Borna Disease Virus Proteins in an Autistic Child and Her Mother. <i>Japanese Journal of Infectious Diseases</i> , 2017 , 70, 599 | 2.7 | 2 |
| 51 | Dual function of the nuclear export signal of the Borna disease virus nucleoprotein in nuclear export activity and binding to viral phosphoprotein. <i>Virology Journal</i> , 2017 , 14, 126 | 6.1 | 3 |
| 50 | Linkage between the leader sequence and leader RNA production in Borna disease virus-infected cells. <i>Virology</i> , 2017 , 510, 104-110 | 3.6 | 6 |
| 49 | Generation of a non-transmissible Borna disease virus vector lacking both matrix and glycoprotein genes. <i>Microbiology and Immunology</i> , 2017 , 61, 380-386 | 2.7 | 13 |
| 48 | Regnase-1 and Roquin Nonredundantly Regulate Th1 Differentiation Causing Cardiac Inflammation and Fibrosis. <i>Journal of Immunology</i> , 2017 , 199, 4066-4077 | 5.3 | 28 |
| 47 | Isolation of avian bornaviruses from psittacine birds using QT6 quail cells in Japan. <i>Journal of Veterinary Medical Science</i> , 2016 , 78, 305-8 | 1.1 | 4 |
| 46 | Borna Disease Virus Assembles Porous Cage-like Viral Factories in the Nucleus. <i>Journal of Biological Chemistry</i> , 2016 , 291, 25789-25798 | 5.4 | 11 |
| 45 | Long-term expression of miRNA for RNA interference using a novel vector system based on a negative-strand RNA virus. <i>Scientific Reports</i> , 2016 , 6, 26154 | 4.9 | 19 |
| 44 | Influenza A Virus-Induced Expression of a GalNAc Transferase, GALNT3, via MicroRNAs Is Required for Enhanced Viral Replication. <i>Journal of Virology</i> , 2016 , 90, 1788-801 | 6.6 | 34 |
| 43 | Endogenous non-retroviral RNA virus elements evidence a novel type of antiviral immunity. <i>Mobile Genetic Elements</i> , 2016 , 6, e1165785 | | 40 |
| 42 | Sequence determination of a new parrot bornavirus-5 strain in Japan: implications of clade-specific sequence diversity in the regions interacting with host factors. <i>Microbiology and Immunology</i> , 2016 , 60, 437-41 | 2.7 | 3 |
| 41 | An RNA-dependent RNA polymerase gene in bat genomes derived from an ancient negative-strand RNA virus. <i>Scientific Reports</i> , 2016 , 6, 25873 | 4.9 | 22 |
| 40 | Taxonomy of the order Mononegavirales: update 2016. <i>Archives of Virology</i> , 2016 , 161, 2351-60 | 2.6 | 324 |
| 39 | Endogenized viral sequences in mammals. <i>Current Opinion in Microbiology</i> , 2016 , 31, 176-183 | 7.9 | 13 |
| 38 | Taxonomic reorganization of the family Bornaviridae. <i>Archives of Virology</i> , 2015 , 160, 621-32 | 2.6 | 71 |
| 37 | Parrot bornavirus-2 and -4 RNA detected in wild bird samples in Japan are phylogenetically adjacent to those found in pet birds in Japan. <i>Virus Genes</i> , 2015 , 51, 234-43 | 2.3 | 4 |
| 36 | piRNAs derived from ancient viral processed pseudogenes as transgenerational sequence-specific immune memory in mammals. <i>Rna</i> , 2015 , 21, 1691-703 | 5.8 | 47 |

| | | | |
|----|--|------|-----|
| 35 | Borna disease virus possesses an NF- κ B inhibitory sequence in the nucleoprotein gene. <i>Scientific Reports</i> , 2015 , 5, 8696 | 4.9 | 11 |
| 34 | Transcription Profiling Demonstrates Epigenetic Control of Non-retroviral RNA Virus-Derived Elements in the Human Genome. <i>Cell Reports</i> , 2015 , 12, 1548-54 | 10.6 | 25 |
| 33 | IFN- γ -Inducing, unusual viral RNA species produced by paramyxovirus infection accumulated into distinct cytoplasmic structures in an RNA-type-dependent manner. <i>Frontiers in Microbiology</i> , 2015 , 6, 804 | 5.7 | 11 |
| 32 | X-linked RNA-binding motif protein (RBMX) is required for the maintenance of Borna disease virus nuclear viral factories. <i>Journal of General Virology</i> , 2015 , 96, 3198-3203 | 4.9 | 6 |
| 31 | Heat stress is a potent stimulus for enhancing rescue efficiency of recombinant Borna disease virus. <i>Microbiology and Immunology</i> , 2014 , 58, 636-42 | 2.7 | 9 |
| 30 | Inhibition of Borna disease virus replication by an endogenous bornavirus-like element in the ground squirrel genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13175-80 | 11.5 | 89 |
| 29 | Molecular epidemiology of avian bornavirus from pet birds in Japan. <i>Virus Genes</i> , 2013 , 47, 173-7 | 2.3 | 10 |
| 28 | Nucleocytoplasmic shuttling of viral proteins in borna disease virus infection. <i>Viruses</i> , 2013 , 5, 1978-90 | 6.2 | 24 |
| 27 | Comprehensive analysis of endogenous bornavirus-like elements in eukaryote genomes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20120499 | 5.8 | 50 |
| 26 | Detection of Avian bornavirus 5 RNA in <i>Eclectus roratus</i> with feather picking disorder. <i>Microbiology and Immunology</i> , 2012 , 56, 346-9 | 2.7 | 17 |
| 25 | Bornavirus closely associates and segregates with host chromosomes to ensure persistent intranuclear infection. <i>Cell Host and Microbe</i> , 2012 , 11, 492-503 | 23.4 | 65 |
| 24 | Evolutionarily conserved interaction between the phosphoproteins and X proteins of bornaviruses from different vertebrate species. <i>PLoS ONE</i> , 2012 , 7, e51161 | 3.7 | 12 |
| 23 | No evidence for natural selection on endogenous borna-like nucleoprotein elements after the divergence of Old World and New World monkeys. <i>PLoS ONE</i> , 2011 , 6, e24403 | 3.7 | 13 |
| 22 | Analysis of intracellular distribution of Borna disease virus glycoprotein fused with fluorescent markers in living cells. <i>Journal of Veterinary Medical Science</i> , 2011 , 73, 1243-7 | 1.1 | 4 |
| 21 | A novel borna disease virus vector system that stably expresses foreign proteins from an intercistronic noncoding region. <i>Journal of Virology</i> , 2011 , 85, 12170-8 | 6.6 | 30 |
| 20 | Non-retroviral fossils in vertebrate genomes. <i>Viruses</i> , 2011 , 3, 1836-48 | 6.2 | 36 |
| 19 | Living fossil or evolving virus?. <i>EMBO Reports</i> , 2010 , 11, 327 | 6.5 | 2 |
| 18 | Endogenous non-retroviral RNA virus elements in mammalian genomes. <i>Nature</i> , 2010 , 463, 84-7 | 50.4 | 319 |

| | | | |
|----|--|------|-----|
| 17 | Molecular chaperone BiP interacts with Borna disease virus glycoprotein at the cell surface. <i>Journal of Virology</i> , 2009 , 83, 12622-5 | 6.6 | 48 |
| 16 | Autogenous translational regulation of the Borna disease virus negative control factor X from polycistronic mRNA using host RNA helicases. <i>PLoS Pathogens</i> , 2009 , 5, e1000654 | 7.6 | 35 |
| 15 | Heat shock cognate protein 70 controls Borna disease virus replication via interaction with the viral non-structural protein X. <i>Microbes and Infection</i> , 2009 , 11, 394-402 | 9.3 | 22 |
| 14 | Borna disease virus matrix protein is an integral component of the viral ribonucleoprotein complex that does not interfere with polymerase activity. <i>Journal of Virology</i> , 2007 , 81, 743-9 | 6.6 | 24 |
| 13 | A methionine-rich domain mediates CRM1-dependent nuclear export activity of Borna disease virus phosphoprotein. <i>Journal of Virology</i> , 2006 , 80, 1121-9 | 6.6 | 21 |
| 12 | Development of a novel Borna disease virus reverse genetics system using RNA polymerase II promoter and SV40 nuclear import signal. <i>Microbes and Infection</i> , 2006 , 8, 1522-9 | 9.3 | 32 |
| 11 | Virus-induced neurobehavioral disorders: mechanisms and implications. <i>Trends in Molecular Medicine</i> , 2004 , 10, 71-7 | 11.5 | 32 |
| 10 | Modulation of Borna disease virus phosphoprotein nuclear localization by the viral protein X encoded in the overlapping open reading frame. <i>Journal of Virology</i> , 2003 , 77, 8099-107 | 6.6 | 22 |
| 9 | Molecular and cellular biology of Borna disease virus infection. <i>Microbes and Infection</i> , 2002 , 4, 491-500 | 9.3 | 92 |
| 8 | Borna disease virus nucleoprotein requires both nuclear localization and export activities for viral nucleocytoplasmic shuttling. <i>Journal of Virology</i> , 2001 , 75, 3404-12 | 6.6 | 40 |
| 7 | Antibodies to Borna disease virus in infected adult rats: an early appearance of anti-p10 antibody and recognition of novel virus-specific proteins in infected animal brain cells. <i>Journal of Veterinary Medical Science</i> , 2000 , 62, 775-8 | 1.1 | 4 |
| 6 | Molecular ratio between borna disease viral-p40 and -p24 proteins in infected cells determined by quantitative antigen capture ELISA. <i>Microbiology and Immunology</i> , 2000 , 44, 765-72 | 2.7 | 34 |
| 5 | Translation initiation of a bicistronic mRNA of Borna disease virus: a 16-kDa phosphoprotein is initiated at an internal start codon. <i>Virology</i> , 2000 , 277, 296-305 | 3.6 | 21 |
| 4 | Isolation of Borna disease virus from human brain tissue. <i>Journal of Virology</i> , 2000 , 74, 4601-11 | 6.6 | 102 |
| 3 | Isolation of Borna Disease Virus from Human Brain Tissue. <i>Journal of Virology</i> , 2000 , 74, 4601-4611 | 6.6 | 3 |
| 2 | Borna Disease Virus Molecular Virology23-43 | | 4 |
| 1 | Borna Disease Virus: Spanning a Century of Science1-21 | | |