

Katsumi Mizuta

List of Publications by Year in descending order

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68
papers

1,627
citations

257450

24
h-index

330143

37
g-index

69
all docs

69
docs citations

69
times ranked

1741
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Features of Influenza C Virus Infection in Children. <i>Journal of Infectious Diseases</i> , 2006, 193, 1229-1235.	4.0	142
2	Acute respiratory infections due to enterovirus 68 in Yamagata, Japan between 2005 and 2010. <i>Microbiology and Immunology</i> , 2012, 56, 139-143.	1.4	80
3	Detection of the Human Coronavirus 229E, HKU1, NL63, and OC43 between 2010 and 2013 in Yamagata, Japan. <i>Japanese Journal of Infectious Diseases</i> , 2015, 68, 138-141.	1.2	77
4	Interspecies transmission of influenza C virus between humans and pigs. <i>Virus Research</i> , 1997, 48, 71-79.	2.2	69
5	Epidemic Myalgia in Adults Associated with Human Parechovirus Type 3 Infection, Yamagata, Japan, 2008. <i>Emerging Infectious Diseases</i> , 2012, 18, 1787-1793.	4.3	65
6	Epitope Mapping of the Hemagglutinin Molecule of A/(H1N1)pdm09 Influenza Virus by Using Monoclonal Antibody Escape Mutants. <i>Journal of Virology</i> , 2014, 88, 12364-12373.	3.4	61
7	A two-year survey of the oseltamivir-resistant influenza A(H1N1) virus in Yamagata, Japan and the clinical effectiveness of oseltamivir and zanamivir. <i>Virology Journal</i> , 2010, 7, 53.	3.4	59
8	A Nationwide Epidemic of Influenza C Virus Infection in Japan in 2004. <i>Journal of Clinical Microbiology</i> , 2007, 45, 783-788.	3.9	54
9	VP1 Amino Acid Residue 145 of Enterovirus 71 Is a Key Residue for Its Receptor Attachment and Resistance to Neutralizing Antibody during Cynomolgus Monkey Infection. <i>Journal of Virology</i> , 2018, 92, .	3.4	48
10	Genetic Lineage and Reassortment of Influenza C Viruses Circulating between 1947 and 2014. <i>Journal of Virology</i> , 2016, 90, 8251-8265.	3.4	42
11	Clinical impact of human metapneumovirus genotypes and genotype-specific seroprevalence in Yamagata, Japan. <i>Journal of Medical Virology</i> , 2008, 80, 1084-1089.	5.0	40
12	The Largest Measles Outbreak, Including 38 Modified Measles and 22 Typical Measles Cases in Its Elimination Era in Yamagata, Japan, 2017. <i>Japanese Journal of Infectious Diseases</i> , 2018, 71, 413-418.	1.2	39
13	Analysis of monthly isolation of respiratory viruses from children by cell culture using a microplate method: a two-year study from 2004 to 2005 in Yamagata, Japan. <i>Japanese Journal of Infectious Diseases</i> , 2008, 61, 196-201.	1.2	39
14	Nucleotide sequence of thymidine kinase gene of sequential acyclovir-resistant herpes simplex virus type 1 isolates recovered from a child with Wiskott-Aldrich syndrome: Evidence for reactivation of acyclovir-resistant herpes simplex virus. <i>Journal of Medical Virology</i> , 1999, 58, 387-393.	5.0	38
15	Epidemic myalgia associated with human parechovirus type 3 infection among adults occurs during an outbreak among children: Findings from Yamagata, Japan, in 2011. <i>Journal of Clinical Virology</i> , 2013, 58, 188-193.	3.1	38
16	Epidemiology of parainfluenza virus types 1, 2 and 3 infections based on virus isolation between 2002 and 2011 in Yamagata, Japan. <i>Microbiology and Immunology</i> , 2012, 56, 855-858.	1.4	35
17	Sequence and phylogenetic analyses of Saffold cardiovirus from children with exudative tonsillitis in Yamagata, Japan. <i>Scandinavian Journal of Infectious Diseases</i> , 2010, 42, 950-952.	1.5	33
18	Epidemiological information regarding the periodic epidemics of influenza C virus in Japan (1996-2013) and the seroprevalence of antibodies to different antigenic groups. <i>Journal of Clinical Virology</i> , 2014, 61, 87-93.	3.1	32

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19	Evaluation of a New Rapid Antigen Test Using Immunochromatography for Detection of Human Metapneumovirus in Comparison with Real-Time PCR Assay. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2981-2984.	3.9	31
20	Characterization of antigenically unique influenza C virus strains isolated in Yamagata and Sendai Cities, Japan, during 1992-1993. <i>Journal of General Virology</i> , 2000, 81, 1447-1452.	2.9	30
21	Seroepidemiology of human parechovirus types 1, 3, and 6 in Yamagata, Japan, in 2014. <i>Microbiology and Immunology</i> , 2016, 60, 854-858.	1.4	29
22	Detailed genetic analysis of hemagglutinin-neuraminidase glycoprotein gene in human parainfluenza virus type 1 isolates from patients with acute respiratory infection between 2002 and 2009 in Yamagata prefecture, Japan. <i>Virology Journal</i> , 2011, 8, 533.	3.4	26
23	Molecular epidemiology of enterovirus 71 strains isolated from children in Yamagata, Japan, between 1990 and 2013. <i>Journal of Medical Microbiology</i> , 2014, 63, 1356-1362.	1.8	26
24	Molecular evolution of the haemagglutinin-neuraminidase gene in human parainfluenza virus type 3 isolates from children with acute respiratory illness in Yamagata prefecture, Japan. <i>Journal of Medical Microbiology</i> , 2014, 63, 570-577.	1.8	26
25	Detection and quantification of influenza C virus in pediatric respiratory specimens by real-time PCR and comparison with infectious viral counts. <i>Journal of Clinical Virology</i> , 2012, 54, 130-134.	3.1	25
26	Enterovirus isolation from children with acute respiratory infections and presumptive identification by a modified microplate method. <i>International Journal of Infectious Diseases</i> , 2003, 7, 138-142.	3.3	24
27	Phylogenetic and cluster analysis of human rhinovirus species A (HRV-A) isolated from children with acute respiratory infections in Yamagata, Japan. <i>Virus Research</i> , 2010, 147, 265-274.	2.2	23
28	Saffold Cardiovirus Infection in Children Associated With Respiratory Disease and Its Similarity to Coxsackievirus Infection. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, 680-683.	2.0	23
29	Stability of the seven hexon hypervariable region sequences of adenovirus types 1-6 isolated in Yamagata, Japan between 1988 and 2007. <i>Virus Research</i> , 2009, 140, 32-39.	2.2	21
30	Six-year longitudinal analysis of adenovirus type 3 genome types isolated in Yamagata, Japan. <i>Journal of Medical Virology</i> , 1994, 42, 198-202.	5.0	19
31	Sequencing and Phylogenetic Analyses of Saffold Cardiovirus (SAFV) Genotype 3 Isolates from Children with Upper Respiratory Infection in Gunma, Japan. <i>Japanese Journal of Infectious Diseases</i> , 2010, 63, 378-380.	1.2	19
32	Longitudinal Investigation of Epidemiologic Feature of Adenovirus Infections in Acute Respiratory Illnesses among Children in Yamagata, Japan(1986-1991).. <i>Tohoku Journal of Experimental Medicine</i> , 1995, 175, 185-193.	1.2	18
33	Clinical characteristics of children infected with enterovirus D68 in an outpatient clinic and the association with bronchial asthma. <i>Infectious Diseases</i> , 2018, 50, 303-312.	2.8	18
34	A Rare Appearance of Influenza A(H1N2) as a Reassortant in a Community Such as Yamagata Where A(H1N1) and A(H3N2) Co-circulate. <i>Microbiology and Immunology</i> , 2003, 47, 359-361.	1.4	15
35	Comparison of virus isolation using the Vero E6 cell line with real-time RT-PCR assay for the detection of human metapneumovirus. <i>BMC Infectious Diseases</i> , 2010, 10, 170.	2.9	15
36	An Outbreak of Parainfluenza Virus Type 4 Infections among Children with Acute Respiratory Infections during the 2011-2012 Winter Season in Yamagata, Japan. <i>Japanese Journal of Infectious Diseases</i> , 2013, 66, 76-78.	1.2	15

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37	Development and evaluation of a whole virus-based enzyme-linked immunosorbent assay for the detection of human metapneumovirus antibodies in human sera. <i>Journal of Virological Methods</i> , 2010, 164, 24-29.	2.1	14
38	An outbreak of measles virus infection due to a genotype D9 at a junior high school in Yamagata, Japan in 2004. <i>Japanese Journal of Infectious Diseases</i> , 2005, 58, 98-100.	1.2	14
39	Seroepidemiology of Saffold coronavirus (SAFV) genotype 3 in Japan. <i>Journal of Infection</i> , 2013, 66, 191-193.	3.3	13
40	Phylogenetic and antigenic analyses of coxsackievirus A6 isolates in Yamagata, Japan between 2001 and 2017. <i>Vaccine</i> , 2019, 37, 1109-1117.	3.8	13
41	Endemicity of human metapneumovirus subgenogroups A2 and B2 in Yamagata, Japan, between 2004 and 2009. <i>Microbiology and Immunology</i> , 2010, 54, 634-638.	1.4	12
42	An Outbreak of Human Coronavirus OC43 during the 2014–2015 Influenza Season in Yamagata, Japan. <i>Japanese Journal of Infectious Diseases</i> , 2015, 68, 442-445.	1.2	12
43	Neutralizing Epitopes and Residues Mediating the Potential Antigenic Drift of the Hemagglutinin-Esterase Protein of Influenza C Virus. <i>Viruses</i> , 2018, 10, 417.	3.3	12
44	The impact of Saffold coronavirus in patients with acute respiratory infections in Yamagata, Japan. <i>Scandinavian Journal of Infectious Diseases</i> , 2011, 43, 669-671.	1.5	11
45	Molecular epidemiology of Coxsackievirus A16 strains isolated from children in Yamagata, Japan between 1988 and 2011. <i>Microbiology and Immunology</i> , 2013, 57, 400-405.	1.4	11
46	The Dominant Antigenic Group of Influenza C Infections Changed from C/Sao Paulo/378/82-Lineage to C/Kanagawa/1/76-Lineage in Yamagata, Japan, in 2014. <i>Japanese Journal of Infectious Diseases</i> , 2015, 68, 166-168.	1.2	10
47	Longitudinal Epidemiology of Viral Infectious Diseases Combining Virus Isolation, Antigenic Analysis, and Phylogenetic Analysis as Well as Seroepidemiology in Yamagata, Japan, between 1999 and 2018. <i>Japanese Journal of Infectious Diseases</i> , 2019, 72, 211-223.	1.2	10
48	Re-emergence of echovirus type 13 infections in 2002 in Yamagata, Japan. <i>Journal of Infection</i> , 2003, 47, 243-247.	3.3	9
49	Characteristics of <i>Mycoplasma pneumoniae</i> infection identified on culture in a pediatric clinic. <i>Pediatrics International</i> , 2015, 57, 247-252.	0.5	9
50	Detection of Saffold viruses from children with acute respiratory infections in Yamagata, Japan, between 2008 and 2015. <i>Journal of Medical Virology</i> , 2018, 90, 34-40.	5.0	8
51	Trends of Human Coronaviruses in Yamagata, Japan in 2015–2016 Focusing on the OC43 Outbreak of June 2016. <i>Japanese Journal of Infectious Diseases</i> , 2018, 71, 167-169.	1.2	7
52	Development of an Enterovirus 71 Vaccine Efficacy Test Using Human Scavenger Receptor B2 Transgenic Mice. <i>Journal of Virology</i> , 2020, 94, .	3.4	7
53	Parechovirus A3 (PeV-A3)-associated myalgia/myositis occurs irrespective of its genetic cluster: a longitudinal molecular epidemiology of PeV-A3 in Yamagata, Japan between 2003 and 2016. <i>Journal of Medical Microbiology</i> , 2019, 68, 424-428.	1.8	6
54	Seroprevalence of parechovirus A1, A3 and A4 antibodies in Yamagata, Japan, between 1976 and 2017. <i>Journal of Medical Microbiology</i> , 2020, 69, 1381-1387.	1.8	6

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55	Isolation of Saffold Virus Type 2 from Children with Acute Respiratory Infections by Using the RD-18S-Niigata Cell Line. <i>Japanese Journal of Infectious Diseases</i> , 2015, 68, 438-441.	1.2	6
56	A Slow Spread of Adenovirus Type 7 Infection after Its Re-emergence in Yamagata, Japan, in 1995. <i>Microbiology and Immunology</i> , 2006, 50, 553-558.	1.4	5
57	Chronological changes of mumps virus genotypes in Japan between 1999–2013. <i>Infectious Diseases</i> , 2016, 48, 524-529.	2.8	5
58	First Isolation of Human Parechovirus Type 4 in Yamagata, Japan. <i>Japanese Journal of Infectious Diseases</i> , 2017, 70, 689-690.	1.2	5
59	Longitudinal epidemiology of human coronavirus OC43 in Yamagata, Japan, 2010–2017: Two groups based on spike gene appear one after another. <i>Journal of Medical Virology</i> , 2021, 93, 945-951.	5.0	5
60	PCR-RFLP Analysis of Cytomegalovirus Infections Associated with Bone Marrow Transplantation in Japanese Children. <i>Microbiology and Immunology</i> , 1999, 43, 359-364.	1.4	4
61	Antigenic changes among the predominantly circulating C/Sao Paulo lineage strains of influenza C virus in Yamagata, Japan, between 2015 and 2018. <i>Infection, Genetics and Evolution</i> , 2020, 81, 104269.	2.3	4
62	Careful Clinical Surveillance Is Important for the Identification of Parechovirus Type A3-Associated Myalgia/Myositis: a Sporadic Case Found in a Season with a Low Level of Its Activity in Yamagata, Japan in 2017. <i>Japanese Journal of Infectious Diseases</i> , 2019, 72, 71-72.	1.2	3
63	Isolation of Coxsackievirus A21 from Patients with Acute Respiratory Infection in Yamagata, Japan in 2019. <i>Japanese Journal of Infectious Diseases</i> , 2021, 74, 172-174.	1.2	3
64	Proposal for the Recognition of a New Disease Concept from Japan: Parechovirus A3-Associated Myalgia. <i>Japanese Journal of Infectious Diseases</i> , 2021, 74, 259-272.	1.2	3
65	Growth Kinetics of Influenza C Virus Antigenic Mutants That Escaped from Anti-Hemagglutinin Esterase Monoclonal Antibodies and Viral Antigenic Changes Found in Field Isolates. <i>Viruses</i> , 2021, 13, 401.	3.3	2
66	Seroprevalence of coxsackievirus A21 neutralizing antibodies in Yamagata, Japan, between 1976 and 2019; coxsackievirus A21 has rarely affected young children. <i>Journal of Medical Virology</i> , 2021, , .	5.0	2
67	A seroepidemiologic study of a measles outbreak, Yamagata Prefecture, Japan, 2017: The estimation of spreaders using serological assays in a measles elimination setting. <i>Journal of Infection and Chemotherapy</i> , 2022, , .	1.7	1
68	Recombinant parechovirus A3 possibly causes various clinical manifestations, including myalgia; findings in Yamagata, Japan in 2019. <i>Infectious Diseases</i> , 2022, , 1-19.	2.8	1