

Emi Takashita

List of Publications by Year in descending order

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75
papers

3,923
citations

136740

32
h-index

133063

59
g-index

77
all docs

77
docs citations

77
times ranked

3863
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of H7N9 influenza A viruses isolated from humans. <i>Nature</i> , 2013, 501, 551-555.	13.7	371
2	Efficacy of Antibodies and Antiviral Drugs against Covid-19 Omicron Variant. <i>New England Journal of Medicine</i> , 2022, 386, 995-998.	13.9	301
3	Efficacy of Antiviral Agents against the SARS-CoV-2 Omicron Subvariant BA.2. <i>New England Journal of Medicine</i> , 2022, 386, 1475-1477.	13.9	240
4	Effect of the Addition of Oligosaccharides on the Biological Activities and Antigenicity of Influenza A/H3N2 Virus Hemagglutinin. <i>Journal of Virology</i> , 2004, 78, 9605-9611.	1.5	184
5	Characterization and antiviral susceptibility of SARS-CoV-2 Omicron BA.2. <i>Nature</i> , 2022, 607, 119-127.	13.7	174
6	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2014â€“2015. <i>Antiviral Research</i> , 2016, 132, 178-185.	1.9	155
7	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2013â€“2014. <i>Antiviral Research</i> , 2015, 117, 27-38.	1.9	132
8	A Highly Pathogenic Avian H7N9 Influenza Virus Isolated from A Human Is Lethal in Some Ferrets Infected via Respiratory Droplets. <i>Cell Host and Microbe</i> , 2017, 22, 615-626.e8.	5.1	121
9	The Role of G-Protein-Coupled Receptor Kinase 5 in Pathogenesis of Sporadic Parkinson's Disease. <i>Journal of Neuroscience</i> , 2006, 26, 9227-9238.	1.7	116
10	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors and status of novel antivirals, 2016â€“2017. <i>Antiviral Research</i> , 2018, 157, 38-46.	1.9	100
11	Increased risk of rhinovirus infection in children during the coronavirus diseaseâ€“19 pandemic. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 488-494.	1.5	97
12	Reactivation of Herpes Simplex Virus Type 1 and Varicella-Zoster Virus and Therapeutic Effects of Combination Therapy With Prednisolone and Valacyclovir in Patients With Bell's Palsy. <i>Laryngoscope</i> , 2007, 117, 147-156.	1.1	94
13	Influenza A(H3N2) virus exhibiting reduced susceptibility to baloxavir due to a polymerase acidic subunit I38T substitution detected from a hospitalised child without prior baloxavir treatment, Japan, January 2019. <i>Eurosurveillance</i> , 2019, 24, .	3.9	93
14	Global update on the susceptibilities of human influenza viruses to neuraminidase inhibitors and the cap-dependent endonuclease inhibitor baloxavir, 2017â€“2018. <i>Antiviral Research</i> , 2020, 175, 104718.	1.9	91
15	Detection of influenza A(H3N2) viruses exhibiting reduced susceptibility to the novel cap-dependent endonuclease inhibitor baloxavir in Japan, December 2018. <i>Eurosurveillance</i> , 2019, 24, .	3.9	88
16	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2015â€“2016. <i>Antiviral Research</i> , 2017, 146, 12-20.	1.9	87
17	Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2012â€“2013. <i>Antiviral Research</i> , 2014, 110, 31-41.	1.9	85
18	Human-to-Human Transmission of Influenza A(H3N2) Virus with Reduced Susceptibility to Baloxavir, Japan, February 2019. <i>Emerging Infectious Diseases</i> , 2019, 25, 2108-2111.	2.0	81

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19	Susceptibility of Influenza Viruses to the Novel Cap-Dependent Endonuclease Inhibitor Baloxavir Marboxil. <i>Frontiers in Microbiology</i> , 2018, 9, 3026.	1.5	74
20	Characterization of a Large Cluster of Influenza A(H1N1)pdm09 Viruses Cross-Resistant to Oseltamivir and Peramivir during the 2013-2014 Influenza Season in Japan. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2607-2617.	1.4	69
21	Replication-incompetent influenza A viruses that stably express a foreign gene. <i>Journal of General Virology</i> , 2011, 92, 2879-2888.	1.3	64
22	Antiviral susceptibility of influenza viruses isolated from patients pre- and post-administration of favipiravir. <i>Antiviral Research</i> , 2016, 132, 170-177.	1.9	62
23	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.	1.4	59
24	A Nationwide Epidemic of Influenza C Virus Infection in Japan in 2004. <i>Journal of Clinical Microbiology</i> , 2007, 45, 783-788.	1.8	54
25	Influenza Polymerase Inhibitors: Mechanisms of Action and Resistance. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a038687.	2.9	45
26	Global update on the susceptibilities of human influenza viruses to neuraminidase inhibitors and the cap-dependent endonuclease inhibitor baloxavir, 2018â€“2020. <i>Antiviral Research</i> , 2022, 200, 105281.	1.9	44
27	Identification of an amino acid residue on influenza C virus M1 protein responsible for formation of the cord-like structures of the virus. <i>Journal of General Virology</i> , 2004, 85, 1885-1893.	1.3	41
28	A Mutation on Influenza C Virus M1 Protein Affects Virion Morphology by Altering the Membrane Affinity of the Protein. <i>Journal of Virology</i> , 2007, 81, 8766-8773.	1.5	40
29	Influenza C Virus CM2 Protein Is Produced from a 374-Amino-Acid Protein (P42) by Signal Peptidase Cleavage. <i>Journal of Virology</i> , 1999, 73, 46-50.	1.5	37
30	Genetic diversity of influenza B virus: The frequent reassortment and cocirculation of the genetically distinct reassortant viruses in a community. <i>Journal of Medical Virology</i> , 2004, 74, 132-140.	2.5	36
31	Molecular Evolutionary Analysis of the Influenza A(H1N1)pdm, Mayâ€“September, 2009: Temporal and Spatial Spreading Profile of the Viruses in Japan. <i>PLoS ONE</i> , 2010, 5, e11057.	1.1	36
32	A single E105K mutation far from the active site of influenza B virus neuraminidase contributes to reduced susceptibility to multiple neuraminidase-inhibitor drugs. <i>Biochemical and Biophysical Research Communications</i> , 2012, 429, 51-56.	1.0	33
33	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.	1.8	31
34	Monitoring and Characterization of Oseltamivir-Resistant Pandemic (H1N1) 2009 Virus, Japan, 2009â€“2010. <i>Emerging Infectious Diseases</i> , 2011, 17, 470-479.	2.0	30
35	Evaluation of Influenza Virus A/H3N2 and B Vaccines on the Basis of Cross-Reactivity of Postvaccination Human Serum Antibodies against Influenza Viruses A/H3N2 and B Isolated in MDCK Cells and Embryonated Hen Eggs. <i>Vaccine Journal</i> , 2012, 19, 897-908.	3.2	30
36	Detection of Variants With Reduced Baloxavir Marboxil Susceptibility After Treatment of Children With Influenza A During the 2018â€“2019 Influenza Season. <i>Journal of Infectious Diseases</i> , 2020, 222, 121-125.	1.9	30

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37	Influenza A(H1N1)pdm09 virus exhibiting enhanced cross-resistance to oseltamivir and peramivir due to a dual H275Y/G147R substitution, Japan, March 2016. <i>Eurosurveillance</i> , 2016, 21, .	3.9	30
38	Longitudinal course of human metapneumovirus antibody titers and reinfection in healthy adults. <i>Journal of Medical Virology</i> , 2010, 82, 2092-2096.	2.5	27
39	Characterization of neuraminidase inhibitor-resistant influenza A(H1N1)pdm09 viruses isolated in four seasons during pandemic and post-pandemic periods in Japan. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 1390-1399.	1.5	26
40	A Novel Bivalent Vaccine Based on a PB2-Knockout Influenza Virus Protects Mice from Pandemic H1N1 and Highly Pathogenic H5N1 Virus Challenges. <i>Journal of Virology</i> , 2013, 87, 7874-7881.	1.5	25
41	C646, a Novel p300/CREB-Binding Protein-Specific Inhibitor of Histone Acetyltransferase, Attenuates Influenza A Virus Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1902-1906.	1.4	25
42	Influenza polymerase inhibitor resistance: Assessment of the current state of the art - A report of the ISIV Antiviral group. <i>Antiviral Research</i> , 2021, 194, 105158.	1.9	24
43	Influenza A(H1N1)pdm09 virus exhibiting reduced susceptibility to baloxavir due to a PA E23K substitution detected from a child without baloxavir treatment. <i>Antiviral Research</i> , 2020, 180, 104828.	1.9	22
44	6SLN-lipo PGA specifically catches (coats) human influenza virus and synergizes neuraminidase-targeting drugs for human influenza therapeutic potential. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2797-2809.	1.3	21
45	Diversity of antigenic mutants of influenza A(H1N1)pdm09 virus escaped from human monoclonal antibodies. <i>Scientific Reports</i> , 2017, 7, 17735.	1.6	21
46	Influenza C Virus NS1 Protein Upregulates the Splicing of Viral mRNAs. <i>Journal of Virology</i> , 2010, 84, 1957-1966.	1.5	20
47	Therapeutic efficacy of monoclonal antibodies and antivirals against SARS-CoV-2 Omicron BA.1 in Syrian hamsters. <i>Nature Microbiology</i> , 2022, 7, 1252-1258.	5.9	20
48	Role of the CM2 Protein in the Influenza C Virus Replication Cycle. <i>Journal of Virology</i> , 2011, 85, 1322-1329.	1.5	19
49	TMPRSS2 Independency for Haemagglutinin Cleavage In Vivo Differentiates Influenza B Virus from Influenza A Virus. <i>Scientific Reports</i> , 2016, 6, 29430.	1.6	19
50	Rapid discrimination of oseltamivir-resistant 275Y and susceptible 275H substitutions in the neuraminidase gene of pandemic influenza A/H1N1 2009 virus by duplex one-step RT-PCR assay. <i>Journal of Medical Virology</i> , 2011, 83, 1121-1127.	2.5	18
51	Induction of Bcl-2 gene expression by intercellular information from hemopoietic supportive stromal cells to DA-1 cells. <i>Journal of Cellular Physiology</i> , 1994, 161, 367-373.	2.0	15
52	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.	1.3	15
53	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.	1.0	14
54	Intrinsic Temperature Sensitivity of Influenza C Virus Hemagglutinin-Esterase-Fusion Protein. <i>Journal of Virology</i> , 2012, 86, 13108-13111.	1.5	14

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55	Induction of Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) and Granulocyte Colony-Stimulating Factor (G-CSF) Expression in Bone Marrow and Fractionated Marrow Cell Populations by Interleukin 3 (IL-3): IL-3-Mediated Positive Feedback Mechanisms of Granulopoiesis. <i>Growth Factors</i> , 1994, 11, 71-79.	0.5	13
56	Intracellular localization of influenza C virus NS2 protein (NEP) in infected cells and its incorporation into virions. <i>Archives of Virology</i> , 2009, 154, 235-243.	0.9	10
57	Successful treatment with baloxavir marboxil of a patient with peramivir-resistant influenza A/H3N2 with a dual E119D/R292K substitution after allogeneic hematopoietic cell transplantation: a case report. <i>BMC Infectious Diseases</i> , 2020, 20, 478.	1.3	10
58	Mutations at the monomer-monomer interface away from the active site of influenza B virus neuraminidase reduces susceptibility to neuraminidase inhibitor drugs. <i>Journal of Infection and Chemotherapy</i> , 2013, 19, 891-895.	0.8	8
59	In Vitro Characterization of Multidrug-Resistant Influenza A(H1N1)pdm09 Viruses Carrying a Dual Neuraminidase Mutation Isolated from Immunocompromised Patients. <i>Pathogens</i> , 2020, 9, 725.	1.2	8
60	Rapid detection of an I38T amino acid substitution in influenza polymerase acidic subunit associated with reduced susceptibility to baloxavir marboxil. <i>Influenza and Other Respiratory Viruses</i> , 2020, 14, 436-443.	1.5	8
61	Separate Control of the Survival, the Self-renewal and the Differentiation of Hemopoietic Stem Cells.. <i>Cell Structure and Function</i> , 1995, 20, 117-124.	0.5	7
62	Isolation of an Influenza C Virus Introduced into Japan by a Traveler from Malaysia. <i>Journal of Clinical Microbiology</i> , 2005, 43, 993-995.	1.8	7
63	Conformational maturation of the nucleoprotein synthesized in influenza C virus-infected cells. <i>Virus Research</i> , 2006, 122, 45-52.	1.1	7
64	Seroprevalence of a Novel Influenza A (H3N2) Variant Virus in the Japanese Population. <i>Japanese Journal of Infectious Diseases</i> , 2013, 66, 549-551.	0.5	6
65	Location of a linear epitope recognized by monoclonal antibody S16 on the hemagglutinin-esterase glycoprotein of influenza C virus. <i>Virus Research</i> , 1999, 61, 53-61.	1.1	5
66	Detection of Variants With Reduced Baloxavir Marboxil and Oseltamivir Susceptibility in Children With Influenza A During the 2019-2020 Influenza Season. <i>Journal of Infectious Diseases</i> , 2021, , .	1.9	4
67	Constitutive production of IL-6 in the anemic mice of genotype. <i>Leukemia Research</i> , 1994, 18, 123-131.	0.4	3
68	Characterization of an A (H1N1)pdm09 Virus Imported from India in March 2015. <i>Japanese Journal of Infectious Diseases</i> , 2016, 69, 83-86.	0.5	3
69	Isolation of an Egg-Adapted Influenza A(H3N2) Virus without Amino Acid Substitutions at the Antigenic Sites of Its Hemagglutinin. <i>Japanese Journal of Infectious Diseases</i> , 2018, 71, 234-238.	0.5	3
70	Strain Specific Production of a Negative Regulator of IL-3 (NIL-3): Difference in the Negative Feedback Mechanism of Hemopoiesis among Mouse Strains.. <i>Cell Structure and Function</i> , 1997, 22, 407-411.	0.5	1
71	Detection of a Peramivir-Resistant Influenza B/Yamagata-Lineage Virus Imported from Indonesia in Aichi, Japan, March 2019. <i>Japanese Journal of Infectious Diseases</i> , 2020, 73, 386-390.	0.5	1
72	Antiviral susceptibilities of avian influenza A(H5), A(H7), and A(H9) viruses isolated in Japan. <i>Japanese Journal of Infectious Diseases</i> , 2021, , .	0.5	1

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73	Gene Expression of Lipid Binding Protein Transferred the Ability of Specific Attachment of Hemopoietic Cells to Non-supportive Stromal Cell Line, MS-K.. Cell Structure and Function, 1997, 22, 595-602.	0.5	0
74	Mutual Education Between Hematopoietic Cells and Bone Marrow Stromal Cells Through Direct Cell-to-Cell Contact: Factors That Determine the Growth of Bone Marrow Stroma-Dependent Leukemic (HB-1) Cells. Blood, 1998, 92, 834-841.	0.6	0
75	Viruses Resistant to Oseltamivir orÂBaloxavir: What Do the Data Reveal About Resistance?. Respiratory Disease Series, 2021, , 221-229.	0.1	0