

Kyoko Shinya

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54
papers

7,886
citations

31
h-index

56
g-index

56
ext. papers

8,744
ext. citations

9.9
avg. IF

4.91
L-index

#	Paper	IF	Citations
54	Experimental adaptation of an influenza H5 HA confers respiratory droplet transmission to a reassortant H5 HA/H1N1 virus in ferrets. <i>Nature</i> , 2012 , 486, 420-8	50.4	1054
53	Avian flu: influenza virus receptors in the human airway. <i>Nature</i> , 2006 , 440, 435-6	50.4	1053
52	In vitro and in vivo characterization of new swine-origin H1N1 influenza viruses. <i>Nature</i> , 2009 , 460, 1021-5	50.4	884
51	Aberrant innate immune response in lethal infection of macaques with the 1918 influenza virus. <i>Nature</i> , 2007 , 445, 319-23	50.4	762
50	Haemagglutinin mutations responsible for the binding of H5N1 influenza A viruses to human-type receptors. <i>Nature</i> , 2006 , 444, 378-82	50.4	491
49	Enhanced virulence of influenza A viruses with the haemagglutinin of the 1918 pandemic virus. <i>Nature</i> , 2004 , 431, 703-7	50.4	374
48	PB2 amino acid at position 627 affects replicative efficiency, but not cell tropism, of Hong Kong H5N1 influenza A viruses in mice. <i>Virology</i> , 2004 , 320, 258-66	3.6	324
47	Identification of amino acids in HA and PB2 critical for the transmission of H5N1 avian influenza viruses in a mammalian host. <i>PLoS Pathogens</i> , 2009 , 5, e1000709	7.6	285
46	Properties and dissemination of H5N1 viruses isolated during an influenza outbreak in migratory waterfowl in western China. <i>Journal of Virology</i> , 2006 , 80, 5976-83	6.6	284
45	Biological and structural characterization of a host-adapting amino acid in influenza virus. <i>PLoS Pathogens</i> , 2010 , 6, e1001034	7.6	245
44	Growth of H5N1 influenza A viruses in the upper respiratory tracts of mice. <i>PLoS Pathogens</i> , 2007 , 3, 1374-9	7.6	244
43	Suppression of cytokine storm with a sphingosine analog provides protection against pathogenic influenza virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 12018-23	11.5	185
42	Lethal influenza virus infection in macaques is associated with early dysregulation of inflammatory related genes. <i>PLoS Pathogens</i> , 2009 , 5, e1000604	7.6	177
41	T-705 (favipiravir) activity against lethal H5N1 influenza A viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 882-7	11.5	156
40	Influenza A (H5N1) viruses from pigs, Indonesia. <i>Emerging Infectious Diseases</i> , 2010 , 16, 1515-23	10.2	98
39	Viral RNA polymerase complex promotes optimal growth of 1918 virus in the lower respiratory tract of ferrets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 588-92	11.5	85
38	Characterization of a human H5N1 influenza A virus isolated in 2003. <i>Journal of Virology</i> , 2005 , 79, 9926-32	8.2	78

37	Characterization of oseltamivir-resistant 2009 H1N1 pandemic influenza A viruses. <i>PLoS Pathogens</i> , 2010 , 6, e1001079	7.6	76
36	Integrated clinical, pathologic, virologic, and transcriptomic analysis of H5N1 influenza virus-induced viral pneumonia in the rhesus macaque. <i>Journal of Virology</i> , 2012 , 86, 6055-66	6.6	72
35	Clarithromycin inhibits type a seasonal influenza virus infection in human airway epithelial cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 333, 81-90	4.7	67
34	The HA and NS genes of human H5N1 influenza A virus contribute to high virulence in ferrets. <i>PLoS Pathogens</i> , 2010 , 6, e1001106	7.6	61
33	Characterization of a neuraminidase-deficient influenza a virus as a potential gene delivery vector and a live vaccine. <i>Journal of Virology</i> , 2004 , 78, 3083-8	6.6	60
32	Adaptation of an H7N7 equine influenza A virus in mice. <i>Journal of General Virology</i> , 2007 , 88, 547-553	4.9	58
31	Effects of membrane interaction and aggregation of amyloid E peptide on lipid mobility and membrane domain structure. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 8929-39	3.6	54
30	Subclinical brain injury caused by H5N1 influenza virus infection. <i>Journal of Virology</i> , 2011 , 85, 5202-7	6.6	53
29	Toll-like receptor pre-stimulation protects mice against lethal infection with highly pathogenic influenza viruses. <i>Virology Journal</i> , 2011 , 8, 97	6.1	52
28	Immunogenicity and protective efficacy of a live attenuated H5N1 vaccine in nonhuman primates. <i>PLoS Pathogens</i> , 2009 , 5, e1000409	7.6	51
27	Viral replication rate regulates clinical outcome and CD8 T cell responses during highly pathogenic H5N1 influenza virus infection in mice. <i>PLoS Pathogens</i> , 2010 , 6, e1001139	7.6	49
26	The TLR4-TRIF pathway protects against H5N1 influenza virus infection. <i>Journal of Virology</i> , 2012 , 86, 19-24	6.6	46
25	Protective efficacy of orally administered, heat-killed <i>Lactobacillus pentosus</i> b240 against influenza A virus. <i>Scientific Reports</i> , 2013 , 3, 1563	4.9	38
24	Pneumo- and neurotropism of avian origin Italian highly pathogenic avian influenza H7N1 isolates in experimentally infected mice. <i>Virology</i> , 2007 , 364, 28-35	3.6	38
23	Systemic dissemination of H5N1 influenza A viruses in ferrets and hamsters after direct intragastric inoculation. <i>Journal of Virology</i> , 2011 , 85, 4673-8	6.6	31
22	A comparison of the pathogenicity of avian and swine H5N1 influenza viruses in Indonesia. <i>Archives of Virology</i> , 2009 , 154, 677-81	2.6	29
21	Pathogenicity of Chinese H5N1 highly pathogenic avian influenza viruses in pigeons. <i>Archives of Virology</i> , 2008 , 153, 1821-6	2.6	28
20	Ostrich involvement in the selection of H5N1 influenza virus possessing mammalian-type amino acids in the PB2 protein. <i>Journal of Virology</i> , 2009 , 83, 13015-8	6.6	27

19	Avian-type receptor-binding ability can increase influenza virus pathogenicity in macaques. <i>Journal of Virology</i> , 2011 , 85, 13195-203	6.6	25
18	Adaptation of a duck influenza A virus in quail. <i>Journal of Virology</i> , 2012 , 86, 1411-20	6.6	25
17	Virulence determinants of pandemic A(H1N1)2009 influenza virus in a mouse model. <i>Journal of Virology</i> , 2013 , 87, 2226-33	6.6	23
16	Molecular Pathogenesis of H5N1 Influenza Virus Infections. <i>Antiviral Therapy</i> , 2007 , 12, 617-626	1.6	18
15	Encephalitis in mice inoculated intranasally with an influenza virus strain originated from a water bird. <i>Journal of Veterinary Medical Science</i> , 1998 , 60, 627-9	1.1	17
14	Amyloid aggregation and deposition of human islet amyloid polypeptide at membrane interfaces. <i>FEBS Journal</i> , 2014 , 281, 2597-612	5.7	15
13	Inhibitory effects of carbocysteine on type A seasonal influenza virus infection in human airway epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010 , 299, L160-8	5.8	15
12	An H5N1 highly pathogenic avian influenza virus isolated from a local tree sparrow in Indonesia. <i>Microbiology and Immunology</i> , 2011 , 55, 666-72	2.7	14
11	Characterization in vitro and in vivo of pandemic (H1N1) 2009 influenza viruses isolated from patients. <i>Journal of Virology</i> , 2012 , 86, 9361-8	6.6	11
10	Susceptibility of two species of wild terrestrial birds to infection with a highly pathogenic avian influenza virus of H5N1 subtype. <i>Avian Pathology</i> , 2010 , 39, 95-8	2.4	9
9	A mutation in H5 haemagglutinin that conferred human receptor recognition is not maintained stably during duck passage. <i>Journal of General Virology</i> , 2010 , 91, 1461-3	4.9	8
8	Comparison of the antiviral potentials among the pseudorabies-resistant transgenes encoding different soluble forms of porcine nectin-1 in transgenic mice. <i>Journal of General Virology</i> , 2007 , 88, 2636-2641	4.9	7
7	Microphthalmia and lack of vitreous body in transgenic mice expressing the first immunoglobulin-like domain of nectin-1. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2008 , 246, 543-9	3.8	5
6	Emergence of HA mutants during influenza virus pneumonia. <i>International Journal of Clinical and Experimental Pathology</i> , 2012 , 5, 787-95	1.4	2
5	Investigation of efficient protection from an influenza pandemic using CARMS. <i>Artificial Life and Robotics</i> , 2011 , 16, 1-4	0.6	1
4	Host adaptation mechanisms of Influenza A viruses. <i>Uirusu</i> , 2008 , 58, 69-72	0.1	1
3	Characteristics of influenza virus genome mutations. <i>Kobe Journal of Medical Sciences</i> , 2012 , 57, E116-27	0.6	1
2	Transmission of Avian Influenza Viruses to Humans: Viral Receptor Specificity and Distribution in Human Airways 2008 , 45-54		

1 Pandemic Influenza. *Journal of Disaster Research*, **2012**, 7, 274-280

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