

Yuta Shirogane

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,019
citations

567144

15
h-index

610775

24
g-index

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25
docs citations

25
times ranked

1178
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Multiplication of Human Metapneumovirus in Vero Cells Expressing the Transmembrane Serine Protease TMPRSS2. <i>Journal of Virology</i> , 2008, 82, 8942-8946.	1.5	141
2	The Matrix Protein of Measles Virus Regulates Viral RNA Synthesis and Assembly by Interacting with the Nucleocapsid Protein. <i>Journal of Virology</i> , 2009, 83, 10374-10383.	1.5	127
3	Measles Virus Infects both Polarized Epithelial and Immune Cells by Using Distinctive Receptor-Binding Sites on Its Hemagglutinin. <i>Journal of Virology</i> , 2008, 82, 4630-4637.	1.5	99
4	Measles Virus Circumvents the Host Interferon Response by Different Actions of the C and V Proteins. <i>Journal of Virology</i> , 2008, 82, 8296-8306.	1.5	92
5	Cooperation between different RNA virus genomes produces a new phenotype. <i>Nature Communications</i> , 2012, 3, 1235.	5.8	72
6	Mutant Fusion Proteins with Enhanced Fusion Activity Promote Measles Virus Spread in Human Neuronal Cells and Brains of Suckling Hamsters. <i>Journal of Virology</i> , 2013, 87, 2648-2659.	1.5	58
7	Structures of the prefusion form of measles virus fusion protein in complex with inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2496-2501.	3.3	56
8	Consensus and variations in cell line specificity among human metapneumovirus strains. <i>PLoS ONE</i> , 2019, 14, e0215822.	1.1	54
9	New Insights into Measles Virus Brain Infections. <i>Trends in Microbiology</i> , 2019, 27, 164-175.	3.5	52
10	Measles Virus Mutants Possessing the Fusion Protein with Enhanced Fusion Activity Spread Effectively in Neuronal Cells, but Not in Other Cells, without Causing Strong Cytopathology. <i>Journal of Virology</i> , 2015, 89, 2710-2717.	1.5	46
11	A defective viral genome strategy elicits broad protective immunity against respiratory viruses. <i>Cell</i> , 2021, 184, 6037-6051.e14.	13.5	33
12	Epithelial-Mesenchymal Transition Abolishes the Susceptibility of Polarized Epithelial Cell Lines to Measles Virus. <i>Journal of Biological Chemistry</i> , 2010, 285, 20882-20890.	1.6	32
13	Measles Viruses Possessing the Polymerase Protein Genes of the Edmonston Vaccine Strain Exhibit Attenuated Gene Expression and Growth in Cultured Cells and SLAM Knock-In Mice. <i>Journal of Virology</i> , 2008, 82, 11979-11984.	1.5	29
14	Cooperation between different variants: A unique potential for virus evolution. <i>Virus Research</i> , 2019, 264, 68-73.	1.1	28
15	Cooperation: another mechanism of viral evolution. <i>Trends in Microbiology</i> , 2013, 21, 320-324.	3.5	19
16	Cooperative Interaction Within RNA Virus Mutant Spectra. <i>Current Topics in Microbiology and Immunology</i> , 2015, 392, 219-229.	0.7	14
17	CADM1 and CADM2 Trigger Neuropathogenic Measles Virus-Mediated Membrane Fusion by Acting in cis. <i>Journal of Virology</i> , 2021, 95, e0052821.	1.5	13
18	Experimental and mathematical insights on the interactions between poliovirus and a defective interfering genome. <i>PLoS Pathogens</i> , 2021, 17, e1009277.	2.1	13

#	ARTICLE	IF	CITATIONS
19	Mutations in the Putative Dimer-Dimer Interfaces of the Measles Virus Hemagglutinin Head Domain Affect Membrane Fusion Triggering. <i>Journal of Biological Chemistry</i> , 2013, 288, 8085-8091.	1.6	10
20	Weak <i>cis</i> and <i>trans</i> Interactions of the Hemagglutinin with Receptors Trigger Fusion Proteins of Neuropathogenic Measles Virus Isolates. <i>Journal of Virology</i> , 2020, 94, .	1.5	9
21	Short-Stalk Isoforms of CADM1 and CADM2 Trigger Neuropathogenic Measles Virus-Mediated Membrane Fusion by Interacting with the Viral Hemagglutinin. <i>Journal of Virology</i> , 2022, 96, JVI0194921.	1.5	8
22	Lysosome-Associated Membrane Proteins Support the Furin-Mediated Processing of the Mumps Virus Fusion Protein. <i>Journal of Virology</i> , 2020, 94, .	1.5	7
23	Disruption of the Dimer-Dimer Interaction of the Mumps Virus Attachment Protein Head Domain, Aided by an Anion Located at the Interface, Compromises Membrane Fusion Triggering. <i>Journal of Virology</i> , 2020, 94, .	1.5	5
24	The Matrix Protein of Measles Virus Regulates Viral RNA Synthesis and Assembly by Interacting with the Nucleocapsid Protein. <i>Journal of Virology</i> , 2010, 84, 671-671.	1.5	1