

Michael Winkler

List of Publications by Year in descending order

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32
papers

1,856
citations

430874

18
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

3138
citing authors

#	ARTICLE	IF	CITATIONS
1	The Spike Protein of the Emerging Betacoronavirus EMC Uses a Novel Coronavirus Receptor for Entry, Can Be Activated by TMPRSS2, and Is Targeted by Neutralizing Antibodies. <i>Journal of Virology</i> , 2013, 87, 5502-5511.	3.4	305
2	TMPRSS2 Activates the Human Coronavirus 229E for Cathepsin-Independent Host Cell Entry and Is Expressed in Viral Target Cells in the Respiratory Epithelium. <i>Journal of Virology</i> , 2013, 87, 6150-6160.	3.4	296
3	Camostat mesylate inhibits SARS-CoV-2 activation by TMPRSS2-related proteases and its metabolite GBPA exerts antiviral activity. <i>EBioMedicine</i> , 2021, 65, 103255.	6.1	256
4	IFITM Proteins Inhibit Entry Driven by the MERS-Coronavirus Spike Protein: Evidence for Cholesterol-Independent Mechanisms. <i>Viruses</i> , 2014, 6, 3683-3698.	3.3	123
5	Guanylate-Binding Proteins 2 and 5 Exert Broad Antiviral Activity by Inhibiting Furin-Mediated Processing of Viral Envelope Proteins. <i>Cell Reports</i> , 2019, 27, 2092-2104.e10.	6.4	112
6	Different residues in the SARS-CoV spike protein determine cleavage and activation by the host cell protease TMPRSS2. <i>PLoS ONE</i> , 2017, 12, e0179177.	2.5	71
7	Open Reading Frame UL26 of Human Cytomegalovirus Encodes a Novel Tegument Protein That Contains a Strong Transcriptional Activation Domain. <i>Journal of Virology</i> , 2002, 76, 4836-4847.	3.4	70
8	Interferon-Induced Transmembrane Protein-Mediated Inhibition of Host Cell Entry of Ebolaviruses. <i>Journal of Infectious Diseases</i> , 2015, 212, S210-S218.	4.0	58
9	Functional Interaction between Pleiotropic Transactivator pUL69 of Human Cytomegalovirus and the Human Homolog of Yeast Chromatin Regulatory Protein SPT6. <i>Journal of Virology</i> , 2000, 74, 8053-8064.	3.4	56
10	pH Optimum of Hemagglutinin-Mediated Membrane Fusion Determines Sensitivity of Influenza A Viruses to the Interferon-Induced Antiviral State and IFITMs. <i>Journal of Virology</i> , 2017, 91, .	3.4	54
11	Influenza A Virus Encoding Secreted Gaussia Luciferase as Useful Tool to Analyze Viral Replication and Its Inhibition by Antiviral Compounds and Cellular Proteins. <i>PLoS ONE</i> , 2014, 9, e97695.	2.5	50
12	TMPRSS11A activates the influenza A virus hemagglutinin and the MERS coronavirus spike protein and is insensitive against blockade by HAI-1. <i>Journal of Biological Chemistry</i> , 2018, 293, 13863-13873.	3.4	47
13	The glycoprotein of vesicular stomatitis virus promotes release of virus-like particles from tetherin-positive cells. <i>PLoS ONE</i> , 2017, 12, e0189073.	2.5	40
14	The Human Cytomegalovirus DNA Polymerase Processivity Factor UL44 Is Modified by SUMO in a DNA-Dependent Manner. <i>PLoS ONE</i> , 2012, 7, e49630.	2.5	34
15	Tetherin Sensitivity of Influenza A Viruses Is Strain Specific: Role of Hemagglutinin and Neuraminidase. <i>Journal of Virology</i> , 2015, 89, 9178-9188.	3.4	31
16	Influenza A Virus Does Not Encode a Tetherin Antagonist with Vpu-Like Activity and Induces IFN-Dependent Tetherin Expression in Infected Cells. <i>PLoS ONE</i> , 2012, 7, e43337.	2.5	28
17	A system for production of defective interfering particles in the absence of infectious influenza A virus. <i>PLoS ONE</i> , 2019, 14, e0212757.	2.5	27
18	Interaction of the Papillomavirus E8 α 2C Protein with the Cellular CHD6 Protein Contributes to Transcriptional Repression. <i>Journal of Virology</i> , 2010, 84, 9505-9515.	3.4	21

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19	Interferon-Induced Transmembrane Proteins Mediate Viral Evasion in Acute and Chronic Hepatitis C Virus Infection. <i>Hepatology</i> , 2019, 70, 1506-1520.	7.3	21
20	Analysis of IFITM-IFITM Interactions by a Flow Cytometry-Based FRET Assay. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3859.	4.1	20
21	Cell culture-based production and in vivo characterization of purely clonal defective interfering influenza virus particles. <i>BMC Biology</i> , 2021, 19, 91.	3.8	18
22	H2 influenza A virus is not pathogenic in <i>Tmprss2</i> knock-out mice. <i>Virology Journal</i> , 2020, 17, 56.	3.4	13
23	A CXXXA Motif in the Transmembrane Domain of the Ebola Virus Glycoprotein Is Required for Tetherin Antagonism. <i>Journal of Virology</i> , 2018, 92, .	3.4	12
24	Virion Background and Efficiency of Virion Incorporation Determine Susceptibility of Simian Immunodeficiency Virus Env-Driven Viral Entry to Inhibition by IFITM Proteins. <i>Journal of Virology</i> , 2017, 91, .	3.4	9
25	Rhesus macaque IFITM3 gene polymorphisms and SIV infection. <i>PLoS ONE</i> , 2017, 12, e0172847.	2.5	7
26	Evidence that two instead of one defective interfering RNA in influenza A virus-derived defective interfering particles (DIPs) does not enhance antiviral activity. <i>Scientific Reports</i> , 2021, 11, 20477.	3.3	7
27	Inhibitors of signal peptide peptidase and subtilisin/kexin-isozyme 1 inhibit Ebola virus glycoprotein-driven cell entry by interfering with activity and cellular localization of endosomal cathepsins. <i>PLoS ONE</i> , 2019, 14, e0214968.	2.5	5
28	A Fosmid-Based System for the Generation of Recombinant Cercopithecine Alphaherpesvirus 2 Encoding Reporter Genes. <i>Viruses</i> , 2019, 11, 1026.	3.3	5
29	Detection systems for antibody responses against herpes B virus. <i>Primate Biology</i> , 2017, 4, 9-16.	1.0	4
30	Role of rhesus macaque IFITM3(2) in simian immunodeficiency virus infection of macaques. <i>PLoS ONE</i> , 2019, 14, e0224082.	2.5	1
31	Characterisation of an Anti-Vaccinia Virus F13 Single Chain Fragment Variable from a Human Anti-Vaccinia Virus-Specific Recombinant Immunoglobulin Library. <i>Viruses</i> , 2022, 14, 197.	3.3	1
32	A Recombinant System and Reporter Viruses for Papiine Alphaherpesvirus 2. <i>Viruses</i> , 2022, 14, 91.	3.3	0