

Zhulong Yang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

672
citations

13
h-index

25
g-index

35
ext. papers

915
ext. citations

6.8
avg, IF

4.11
L-index

#	Paper	IF	Citations
32	Simultaneous high-resolution analysis of vaccinia virus and host cell transcriptomes by deep RNA sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 11513-8	11.5	156
31	Expression profiling of the intermediate and late stages of poxvirus replication. <i>Journal of Virology</i> , 2011 , 85, 9899-908	6.6	86
30	Genome-wide analysis of the 5' and 3' ends of vaccinia virus early mRNAs delineates regulatory sequences of annotated and anomalous transcripts. <i>Journal of Virology</i> , 2011 , 85, 5897-909	6.6	53
29	Deciphering poxvirus gene expression by RNA sequencing and ribosome profiling. <i>Journal of Virology</i> , 2015 , 89, 6874-86	6.6	41
28	RPFdb: a database for genome wide information of translated mRNA generated from ribosome profiling. <i>Nucleic Acids Research</i> , 2016 , 44, D254-8	20.1	37
27	Pervasive initiation and 3' end formation of poxvirus postreplicative RNAs. <i>Journal of Biological Chemistry</i> , 2012 , 287, 31050-60	5.4	35
26	The 5' poly(A) leader of poxvirus mRNA confers a translational advantage that can be achieved in cells with impaired cap-dependent translation. <i>PLoS Pathogens</i> , 2017 , 13, e1006602	7.6	33
25	Ribosome Profiling Reveals Translational Upregulation of Cellular Oxidative Phosphorylation mRNAs during Vaccinia Virus-Induced Host Shutoff. <i>Journal of Virology</i> , 2017 , 91,	6.6	26
24	Enterovirus 71 3C Promotes Apoptosis through Cleavage of PinX1, a Telomere Binding Protein. <i>Journal of Virology</i> , 2017 , 91,	6.6	26
23	Interaction of the vaccinia virus RNA polymerase-associated 94-kilodalton protein with the early transcription factor. <i>Journal of Virology</i> , 2009 , 83, 12018-26	6.6	23
22	Cascade regulation of vaccinia virus gene expression is modulated by multistage promoters. <i>Virology</i> , 2013 , 447, 213-20	3.6	21
21	Drosophila S2 cells are non-permissive for vaccinia virus DNA replication following entry via low pH-dependent endocytosis and early transcription. <i>PLoS ONE</i> , 2011 , 6, e17248	3.7	21
20	Asparagine Is a Critical Limiting Metabolite for Vaccinia Virus Protein Synthesis during Glutamine Deprivation. <i>Journal of Virology</i> , 2019 , 93,	6.6	16
19	Anticancer Drug Camptothecin Test in 3D Hydrogel Networks with HeLa cells. <i>Scientific Reports</i> , 2017 , 7, 37626	4.9	13
18	Going against the Tide: Selective Cellular Protein Synthesis during Virally Induced Host Shutoff. <i>Journal of Virology</i> , 2017 , 91,	6.6	13
17	Poxvirus-encoded decapping enzymes promote selective translation of viral mRNAs. <i>PLoS Pathogens</i> , 2020 , 16, e1008926	7.6	12
16	Vaccinia Virus as a Master of Host Shutoff Induction: Targeting Processes of the Central Dogma and Beyond. <i>Pathogens</i> , 2020 , 9,	4.5	8

15	Viral growth factor- and STAT3 signaling-dependent elevation of the TCA cycle intermediate levels during vaccinia virus infection. <i>PLoS Pathogens</i> , 2021 , 17, e1009303	7.6	8
14	Monkeypox: A potential global threat?. <i>Journal of Medical Virology</i> ,	19.7	8
13	Suppression of Poxvirus Replication by Resveratrol. <i>Frontiers in Microbiology</i> , 2017 , 8, 2196	5.7	6
12	Why do poxviruses still matter?. <i>Cell and Bioscience</i> , 2021 , 11, 96	9.8	5
11	In Vitro Transcribed RNA-based Luciferase Reporter Assay to Study Translation Regulation in Poxvirus-infected Cells. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	3
10	Asparagine: An Achilles Heel of Virus Replication?. <i>ACS Infectious Diseases</i> , 2020 , 6, 2301-2303	5.5	3
9	Identification of Vaccinia Virus Inhibitors and Cellular Functions Necessary for Efficient Viral Replication by Screening Bioactives and FDA-Approved Drugs. <i>Vaccines</i> , 2020 , 8,	5.3	3
8	Alteration in Cellular Signaling and Metabolic Reprogramming during Viral Infection. <i>MBio</i> , 2021 , 12, e0063521	7.8	3
7	The Role of Tape Measure Protein in Nucleocytoplasmic Large DNA Virus Capsid Assembly. <i>Viral Immunology</i> , 2021 , 34, 41-48	1.7	2
6	Ribosome Profiling of Vaccinia Virus-Infected Cells. <i>Methods in Molecular Biology</i> , 2019 , 2023, 171-188	1.4	1
5	Vaccinia Virus Transcriptome Analysis by RNA Sequencing. <i>Methods in Molecular Biology</i> , 2019 , 2023, 157-170	1.4	1
4	Asparagine availability is an essential limiting factor for poxvirus protein synthesis		1
3	Simultaneous and systematic analysis of cellular and viral gene expression during Enterovirus 71-induced host shutoff. <i>Protein and Cell</i> , 2019 , 10, 72-77	7.2	1
2	Identification of the internal ribosome entry sites in the 5' untranslated region of the gene. <i>International Journal of Molecular Medicine</i> , 2021 , 47,	4.4	1
1	A Poxvirus Decapping Enzyme Colocalizes with Mitochondria To Regulate RNA Metabolism and Translation and Promote Viral Replication.. <i>MBio</i> , 2022 , e0030022	7.8	1