Zhilong Yang

List of Publications by Year in Descending Order

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	A Poxvirus Decapping Enzyme Colocalizes with Mitochondria To Regulate RNA Metabolism and Translation and Promote Viral Replication.. *MBio*, **2022**, e0030022	7.8	1
31	Why do poxviruses still matter?. *Cell and Bioscience*, **2021**, 11, 96	9.8	5
30	The Role of Tape Measure Protein in Nucleocytoplasmic Large DNA Virus Capsid Assembly. *Viral Immunology*, **2021**, 34, 41-48	1.7	2
29	Viral growth factor- and STAT3 signaling-dependent elevation of the TCA cycle intermediate levels during vaccinia virus infection. *PLoS Pathogens*, **2021**, 17, e1009303	7.6	8
28	Identification of the internal ribosome entry sites in the 5′-untranslated region of the gene. *International Journal of Molecular Medicine*, **2021**, 47,	4.4	1
27	Alteration in Cellular Signaling and Metabolic Reprogramming during Viral Infection. *MBio*, **2021**, 12, e0063521	7.8	3
26	Vaccinia Virus as a Master of Host Shutoff Induction: Targeting Processes of the Central Dogma and Beyond. *Pathogens*, **2020**, 9,	4.5	8
25	Poxvirus-encoded decapping enzymes promote selective translation of viral mRNAs. *PLoS Pathogens*, **2020**, 16, e1008926	7.6	12
24	Asparagine: An Achilles Heel of Virus Replication?. *ACS Infectious Diseases*, **2020**, 6, 2301-2303	5.5	3
23	Identification of Vaccinia Virus Inhibitors and Cellular Functions Necessary for Efficient Viral Replication by Screening Bioactives and FDA-Approved Drugs. *Vaccines*, **2020**, 8,	5.3	3
22	Ribosome Profiling of Vaccinia Virus-Infected Cells. *Methods in Molecular Biology*, **2019**, 2023, 171-188	1.4	1
21	In Vitro Transcribed RNA-based Luciferase Reporter Assay to Study Translation Regulation in Poxvirus-infected Cells. *Journal of Visualized Experiments*, **2019**,	1.6	3
20	Asparagine Is a Critical Limiting Metabolite for Vaccinia Virus Protein Synthesis during Glutamine Deprivation. *Journal of Virology*, **2019**, 93,	6.6	16
19	Vaccinia Virus Transcriptome Analysis by RNA Sequencing. *Methods in Molecular Biology*, **2019**, 2023, 157-170	1.4	1
18	Simultaneous and systematic analysis of cellular and viral gene expression during Enterovirus 71-induced host shutoff. *Protein and Cell*, **2019**, 10, 72-77	7.2	1
17	Anticancer Drug Camptothecin Test in 3D Hydrogel Networks with HeLa cells. *Scientific Reports*, **2017**, 7, 37626	4.9	13
16	Ribosome Profiling Reveals Translational Upregulation of Cellular Oxidative Phosphorylation mRNAs during Vaccinia Virus-Induced Host Shutoff. *Journal of Virology*, **2017**, 91,	6.6	26

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15	Going against the Tide: Selective Cellular Protein Synthesis during Virally Induced Host Shutoff. *Journal of Virology*, **2017**, 91,	6.6	13
14	Enterovirus 71 3C Promotes Apoptosis through Cleavage of PinX1, a Telomere Binding Protein. *Journal of Virology*, **2017**, 91,	6.6	26
13	Suppression of Poxvirus Replication by Resveratrol. *Frontiers in Microbiology*, **2017**, 8, 2196	5.7	6
12	The 5′ poly(A) leader of poxvirus mRNA confers a translational advantage that can be achieved in cells with impaired cap-dependent translation. *PLoS Pathogens*, **2017**, 13, e1006602	7.6	33
11	RPFdb: a database for genome wide information of translated mRNA generated from ribosome profiling. *Nucleic Acids Research*, **2016**, 44, D254-8	20.1	37
10	Deciphering poxvirus gene expression by RNA sequencing and ribosome profiling. *Journal of Virology*, **2015**, 89, 6874-86	6.6	41
9	Cascade regulation of vaccinia virus gene expression is modulated by multistage promoters. *Virology*, **2013**, 447, 213-20	3.6	21
8	Pervasive initiation and 3′ end formation of poxvirus postreplicative RNAs. *Journal of Biological Chemistry*, **2012**, 287, 31050-60	5.4	35
7	Drosophila S2 cells are non-permissive for vaccinia virus DNA replication following entry via low pH-dependent endocytosis and early transcription. *PLoS ONE*, **2011**, 6, e17248	3.7	21
6	Genome-wide analysis of the 5′ and 3′ ends of vaccinia virus early mRNAs delineates regulatory sequences of annotated and anomalous transcripts. *Journal of Virology*, **2011**, 85, 5897-909	6.6	53
5	Expression profiling of the intermediate and late stages of poxvirus replication. *Journal of Virology*, **2011**, 85, 9899-908	6.6	86
4	Simultaneous high-resolution analysis of vaccinia virus and host cell transcriptomes by deep RNA sequencing. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 11513-8	11.5	156
3	Interaction of the vaccinia virus RNA polymerase-associated 94-kilodalton protein with the early transcription factor. *Journal of Virology*, **2009**, 83, 12018-26	6.6	23
2	Asparagine availability is an essential limiting factor for poxvirus protein synthesis		1
1	Monkeypox: A potential global threat?. *Journal of Medical Virology*,	19.7	8