Fanxiu Zhu

List of Publications by Year
in descending order

36 papers	1,509 citations	331670 21 h-index	345221 36 g-index
36 all docs	36 docs citations	36 times ranked	2288 citing authors

#	Article	IF	Citations
1	Inhibition of cGAS DNA Sensing by a Herpesvirus Virion Protein. Cell Host and Microbe, 2015, 18, 333-344.	11.0	223
2	A conserved PLPLRT/SD motif of STING mediates the recruitment and activation of TBK1. Nature, 2019, 569, 718-722.	27.8	221
3	Tripartite Motif-Containing Protein 28 Is a Small Ubiquitin-Related Modifier E3 Ligase and Negative Regulator of IFN Regulatory Factor 7. Journal of Immunology, 2011, 187, 4754-4763.	0.8	144
4	ORF45 of Kaposi's Sarcoma-Associated Herpesvirus Inhibits Phosphorylation of Interferon Regulatory Factor 7 by IKKÎµ and TBK1 as an Alternative Substrate. Journal of Virology, 2012, 86, 10162-10172.	3.4	78
5	Activation of p90 Ribosomal S6 Kinase by ORF45 of Kaposi's Sarcoma-Associated Herpesvirus and Its Role in Viral Lytic Replication. Journal of Virology, 2008, 82, 1838-1850.	3.4	77
6	Phosphorylation of Eukaryotic Translation Initiation Factor 4B (EIF4B) by Open Reading Frame 45/p90 Ribosomal S6 Kinase (ORF45/RSK) Signaling Axis Facilitates Protein Translation during Kaposi Sarcoma-associated Herpesvirus (KSHV) Lytic Replication. Journal of Biological Chemistry, 2011, 286, 41171-41182.	3.4	66
7	Mechanism of Sustained Activation of Ribosomal S6 Kinase (RSK) and ERK by Kaposi Sarcoma-associated Herpesvirus ORF45. Journal of Biological Chemistry, 2009, 284, 13958-13968.	3.4	55
8	Kaposi's Sarcoma-Associated Herpesvirus Inhibitor of cGAS (KicGAS), Encoded by ORF52, Is an Abundant Tegument Protein and Is Required for Production of Infectious Progeny Viruses. Journal of Virology, 2016, 90, 5329-5342.	3.4	44
9	Phosphoproteomic Analysis of KSHV-Infected Cells Reveals Roles of ORF45-Activated RSK during Lytic Replication. PLoS Pathogens, 2015, 11, e1004993.	4.7	40
10	Short-hairpin RNAs delivered by lentiviral vector transduction trigger RIG-I-mediated IFN activation. Nucleic Acids Research, 2009, 37, 6587-6599.	14.5	38
11	Activation of p90 Ribosomal S6 Kinases by ORF45 of Kaposi's Sarcoma-Associated Herpesvirus Is Critical for Optimal Production of Infectious Viruses. Journal of Virology, 2015, 89, 195-207.	3.4	37
12	Negative Regulation of IRF7 Activation by Activating Transcription Factor 4 Suggests a Cross-Regulation between the IFN Responses and the Cellular Integrated Stress Responses. Journal of Immunology, 2011, 186, 1001-1010.	0.8	36
13	Identification of the Nuclear Export and Adjacent Nuclear Localization Signals for ORF45 of Kaposi's Sarcoma-Associated Herpesvirus. Journal of Virology, 2009, 83, 2531-2539.	3.4	35
14	A Survey of the Interactome of Kaposi's Sarcoma-Associated Herpesvirus ORF45 Revealed Its Binding to Viral ORF33 and Cellular USP7, Resulting in Stabilization of ORF33 That Is Required for Production of Progeny Viruses. Journal of Virology, 2015, 89, 4918-4931.	3.4	35
15	The interactome of EBV LMP1 evaluated by proximity-based BioID approach. Virology, 2018, 516, 55-70.	2.4	33
16	Targeting Exosomal EBV-LMP1 Transfer and miR-203 Expression via the NF-Î¹B Pathway: The Therapeutic Role of Aspirin in NPC. Molecular Therapy - Nucleic Acids, 2019, 17, 175-184.	5.1	33
17	Extracellular vesicles: novel vehicles in herpesvirus infection. Virologica Sinica, 2017, 32, 349-356.	3.0	30
18	The spring-loaded genome: Nucleosome redistributions are widespread, transient, and DNA-directed. Genome Research, 2014, 24, 251-259.	5.5	28

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19	Mono-ubiquitylated ORF45 Mediates Association of KSHV Particles with Internal Lipid Rafts for Viral Assembly and Egress. PLoS Pathogens, 2015, 11, e1005332.	4.7	28
20	ORF45-Mediated Prolonged c-Fos Accumulation Accelerates Viral Transcription during the Late Stage of Lytic Replication of Kaposi's Sarcoma-Associated Herpesvirus. Journal of Virology, 2015, 89, 6895-6906.	3.4	27
21	Discovery of a Coregulatory Interaction between Kaposi's Sarcoma-Associated Herpesvirus ORF45 and the Viral Protein Kinase ORF36. Journal of Virology, 2016, 90, 5953-5964.	3.4	24
22	ORF33 and ORF38 of Kaposi's Sarcoma-Associated Herpesvirus Interact and Are Required for Optimal Production of Infectious Progeny Viruses. Journal of Virology, 2016, 90, 1741-1756.	3.4	22
23	Cooperative DNA binding mediated by KicGAS/ORF52 oligomerization allows inhibition of DNA-induced phase separation and activation of cGAS. Nucleic Acids Research, 2021, 49, 9389-9403.	14.5	22
24	KSHV-encoded ORF45 activates human NLRP1 inflammasome. Nature Immunology, 2022, 23, 916-926.	14.5	19
25	Early Pattern of Epstein-Barr Virus Infection in Gastric Epithelial Cells by â€œCell-in-cellâ€• Virologica Sinica, 2019, 34, 253-261.	3.0	17
26	Evasion of Intracellular DNA Sensing by Human Herpesviruses. Frontiers in Cellular and Infection Microbiology, 2021, 11, 647992.	3.9	15
27	Recent advances in the study of Kaposiâ€™s sarcoma-associated herpesvirus replication and pathogenesis. Virologica Sinica, 2015, 30, 130-145.	3.0	14
28	A non-catalytic herpesviral protein reconfigures ERK-RSK signaling by targeting kinase docking systems in the host. Nature Communications, 2022, 13, 472.	12.8	13
29	Hierarchical regulation of the genome: global changes in nucleosome organization potentiate genome response. Oncotarget, 2016, 7, 6460-6475.	1.8	12
30	Development of an ORF45-Derived Peptide To Inhibit the Sustained RSK Activation and Lytic Replication of Kaposi's Sarcoma-Associated Herpesvirus. Journal of Virology, 2019, 93, .	3.4	10
31	Sirtuin 6 Attenuates Kaposi's Sarcoma-Associated Herpesvirus Reactivation by Suppressing Ori-Lyt Activity and Expression of RTA. Journal of Virology, 2019, 93, .	3.4	9
32	Epstein-Barr Virus Nuclear Antigen 1 Recruits Cyclophilin A to Facilitate the Replication of Viral DNA Genome. Frontiers in Microbiology, 2019, 10, 2879.	3.5	8
33	Disruption of the Interaction between ORF33 and the Conserved Carboxyl-Terminus of ORF45 Abolishes Progeny Virion Production of Kaposi Sarcoma-Associated Herpesvirus. Viruses, 2021, 13, 1828.	3.3	5
34	The SUMO E3 ligase activity of ORF45 determines KSHV lytic replication. PLoS Pathogens, 2022, 18, e1010504.	4.7	5
35	Changes in nucleosome occupancy occur in a chromosome specific manner. Genomics Data, 2014, 2, 114-116.	1.3	3
36	RSK1 SUMOylation is required for KSHV lytic replication. PLoS Pathogens, 2021, 17, e1010123.	4.7	3