Britt A Glaunsinger

List of Publications by Year
in descending order

62 papers	3,416 citations	172457 29 h-index	161849 54 g-index
84 all docs	84 docs citations	84 times ranked	3468 citing authors

#	Article	IF	Citations
1	The molecular virology of coronaviruses. Journal of Biological Chemistry, 2020, 295, 12910-12934.	3.4	365
2	Modulation of the cGAS-STING DNA sensing pathway by gammaherpesviruses. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4306-15.	7.1	250
3	Lytic KSHV Infection Inhibits Host Gene Expression by Accelerating Global mRNA Turnover. Molecular Cell, 2004, 13, 713-723.	9.7	203
4	Host shutoff during productive Epstein-Barr virus infection is mediated by BGLF5 and may contribute to immune evasion. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3366-3371.	7.1	202
5	Global Mapping of Herpesvirus-Host Protein Complexes Reveals a Transcription Strategy for Late Genes. Molecular Cell, 2015, 57, 349-360.	9.7	165
6	N6-methyladenosine modification and the YTHDF2 reader protein play cell type specific roles in lytic viral gene expression during Kaposi's sarcoma-associated herpesvirus infection. PLoS Pathogens, 2018, 14, e1006995.	4.7	162
7	A Common Strategy for Host RNA Degradation by Divergent Viruses. Journal of Virology, 2012, 86, 9527-9530.	3.4	121
8	Aberrant Herpesvirus-Induced Polyadenylation Correlates With Cellular Messenger RNA Destruction. PLoS Biology, 2009, 7, e1000107.	5.6	107
9	Highly Selective Escape from KSHV-mediated Host mRNA Shutoff and Its Implications for Viral Pathogenesis. Journal of Experimental Medicine, 2004, 200, 391-398.	8.5	101
10	The Exonuclease and Host Shutoff Functions of the SOX Protein of Kaposi's Sarcoma-Associated Herpesvirus Are Genetically Separable. Journal of Virology, 2005, 79, 7396-7401.	3.4	101
11	Nuclear Import of Cytoplasmic Poly(A) Binding Protein Restricts Gene Expression via Hyperadenylation and Nuclear Retention of mRNA. Molecular and Cellular Biology, 2010, 30, 4996-5008.	2.3	99
12	Host Shutoff Is a Conserved Phenotype of Gammaherpesvirus Infection and Is Orchestrated Exclusively from the Cytoplasm. Journal of Virology, 2009, 83, 9554-9566.	3.4	91
13	Emerging roles for RNA degradation in viral replication and antiviral defense. Virology, 2015, 479-480, 600-608.	2.4	89
14	Coordinated Destruction of Cellular Messages in Translation Complexes by the Gammaherpesvirus Host Shutoff Factor and the Mammalian Exonuclease Xrn1. PLoS Pathogens, 2011, 7, e1002339.	4.7	85
15	Changes in mRNA abundance drive shuttling of RNA binding proteins, linking cytoplasmic RNA degradation to transcription. ELife, 2018, 7, .	6.0	85
16	The N-terminal domain of SARS-CoV-2Ânsp1 plays key roles in suppression of cellular gene expression and preservation of viral gene expression. Cell Reports, 2021, 37, 109841.	6.4	78
17	Viral Nucleases Induce an mRNA Degradation-Transcription Feedback Loop in Mammalian Cells. Cell Host and Microbe, 2015, 18, 243-253.	11.0	71
18	Importin Î±-Mediated Nuclear Import of Cytoplasmic Poly(A) Binding Protein Occurs as a Direct Consequence of Cytoplasmic mRNA Depletion. Molecular and Cellular Biology, 2011, 31, 3113-3125.	2.3	61

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19	Global mRNA Degradation during Lytic Gammaherpesvirus Infection Contributes to Establishment of Viral Latency. PLoS Pathogens, 2011, 7, e1002150.	4.7	57
20	Gammaherpesviral Gene Expression and Virion Composition Are Broadly Controlled by Accelerated mRNA Degradation. PLoS Pathogens, 2014, 10, e1003882.	4.7	53
21	Infection-Induced Retrotransposon-Derived Noncoding RNAs Enhance Herpesviral Gene Expression via the NF-Î°B Pathway. PLoS Pathogens, 2015, 11, e1005260.	4.7	49
22	Deep Sequencing Reveals Direct Targets of Gammaherpesvirus-Induced mRNA Decay and Suggests That Multiple Mechanisms Govern Cellular Transcript Escape. PLoS ONE, 2011, 6, e19655.	2.5	45
23	Dual Short Upstream Open Reading Frames Control Translation of a Herpesviral Polycistronic mRNA. PLoS Pathogens, 2013, 9, e1003156.	4.7	44
24	A Ribonucleoprotein Complex Protects the Interleukin-6 mRNA from Degradation by Distinct Herpesviral Endonucleases. PLoS Pathogens, 2015, 11, e1004899.	4.7	42
25	Pseudouridylation of 7 <scp>SK</scp> sn <scp>RNA</scp> promotes 7 <scp>SK</scp> sn <scp>RNP</scp> formation to suppress <scp>HIV</scp> â€1 transcription and escape from latency. EMBO Reports, 2016, 17, 1441-1451.	4.5	42
26	Genome-wide mapping of infection-induced SINE RNAs reveals a role in selective mRNA export. Nucleic Acids Research, 2017, 45, 6194-6208.	14.5	42
27	Interaction between ORF24 and ORF34 in the Kaposi's Sarcoma-Associated Herpesvirus Late Gene Transcription Factor Complex Is Essential for Viral Late Gene Expression. Journal of Virology, 2016, 90, 599-604.	3.4	39
28	Feedback to the central dogma: cytoplasmic mRNA decay and transcription are interdependent processes. Critical Reviews in Biochemistry and Molecular Biology, 2019, 54, 385-398.	5.2	39
29	An RNA Element in Human Interleukin 6 Confers Escape from Degradation by the Gammaherpesvirus SOX Protein. Journal of Virology, 2013, 87, 4672-4682.	3.4	38
30	Messenger RNA Turnover and its Regulation in Herpesviral Infection. Advances in Virus Research, 2006, 66, 337-394.	2.1	37
31	Unconventional Sequence Requirement for Viral Late Gene Core Promoters of Murine Gammaherpesvirus 68. Journal of Virology, 2014, 88, 3411-3422.	3.4	35
32	Transcriptome-Wide Cleavage Site Mapping on Cellular mRNAs Reveals Features Underlying Sequence-Specific Cleavage by the Viral Ribonuclease SOX. PLoS Pathogens, 2015, 11, e1005305.	4.7	35
33	Nuclease escape elements protect messenger RNA against cleavage by multiple viral endonucleases. PLoS Pathogens, 2017, 13, e1006593.	4.7	24
34	Getting the Message. Advances in Virus Research, 2010, 78, 1-42.	2.1	22
35	Site specific target binding controls RNA cleavage efficiency by the Kaposi's sarcoma-associated herpesvirus endonuclease SOX. Nucleic Acids Research, 2018, 46, 11968-11979.	14.5	22
36	Viruses and the cellular RNA decay machinery. Wiley Interdisciplinary Reviews RNA, 2010, 1, 47-59.	6.4	21

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37	Endosomal Toll-Like Receptors 7 and 9 Cooperate in Detection of Murine Gammaherpesvirus 68 Infection. Journal of Virology, 2019, 93, .	3.4	21
38	Modulation of the Translational Landscape During Herpesvirus Infection. Annual Review of Virology, 2015, 2, 311-333.	6.7	20
39	Kaposi's Sarcoma-Associated Herpesvirus ORF68 Is a DNA Binding Protein Required for Viral Genome Cleavage and Packaging. Journal of Virology, 2018, 92, .	3.4	20
40	The Interaction between ORF18 and ORF30 Is Required for Late Gene Expression in Kaposi's Sarcoma-Associated Herpesvirus. Journal of Virology, 2019, 93, .	3.4	20
41	Kaposi's Sarcoma-Associated Herpesvirus ORF45 Mediates Transcriptional Activation of the HIV-1 Long Terminal Repeat via RSK2. Journal of Virology, 2014, 88, 7024-7035.	3.4	19
42	RNA decay during gammaherpesvirus infection reduces RNA polymerase II occupancy of host promoters but spares viral promoters. PLoS Pathogens, 2020, 16, e1008269.	4.7	19
43	An integrative approach identifies direct targets of the late viral transcription complex and an expanded promoter recognition motif in Kaposiâ€™s sarcoma-associated herpesvirus. PLoS Pathogens, 2019, 15, e1007774.	4.7	16
44	Manipulation of RNA polymerase III by Herpes Simplex Virus-1. Nature Communications, 2022, 13, 623.	12.8	15
45	Reinitiation after Translation of Two Upstream Open Reading Frames (ORF) Governs Expression of the ORF35-37 Kaposi's Sarcoma-Associated Herpesvirus Polycistronic mRNA. Journal of Virology, 2014, 88, 6512-6518.	3.4	13
46	The gammaherpesviral TATA-box-binding protein directly interacts with the CTD of host RNA Pol II to direct late gene transcription. PLoS Pathogens, 2020, 16, e1008843.	4.7	13
47	Conserved Herpesvirus Kinase ORF36 Activates B2 Retrotransposons during Murine Gammaherpesvirus Infection. Journal of Virology, 2020, 94, .	3.4	13
48	Host Noncoding Retrotransposons Induced by DNA Viruses: a SINE of Infection?. Journal of Virology, 2017, 91, .	3.4	12
49	Conserved Cx _n C Motifs in Kaposiâ€™s Sarcoma-Associated Herpesvirus ORF66 Are Required for Viral Late Gene Expression and Are Essential for Its Interaction with ORF34. Journal of Virology, 2020, 94, .	3.4	12
50	Cytoplasmic mRNA decay represses RNA polymerase II transcription during early apoptosis. ELife, 2021, 10, .	6.0	12
51	Vaccinia virus D10 has broad decapping activity that is regulated by mRNA splicing. PLoS Pathogens, 2022, 18, e1010099.	4.7	11
52	Alteration of the Premature tRNA Landscape by Gammaherpesvirus Infection. MBio, 2020, 11, .	4.1	10
53	A Two-tiered functional screen identifies herpesviral transcriptional modifiers and their essential domains. PLoS Pathogens, 2022, 18, e1010236.	4.7	10
54	A pentameric protein ring with novel architecture is required for herpesviral packaging. ELife, 2021, 10, .	6.0	9

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55	How tails define the ending: Divergent roles for polyadenylation in RNA stability and gene expression. RNA Biology, 2010, 7, 13-17.	3.1	7
56	Diverse virusâ€“host interactions influence RNA-based regulation during Î³-herpesvirus infection. Current Opinion in Microbiology, 2012, 15, 506-511.	5.1	4
57	Not immune to modification. Nature Immunology, 2019, 20, 116-118.	14.5	0
58	The N-Terminal and Central Domains of CoV-2 nsp1 Play Key Functional Roles in Suppression of Cellular Gene Expression and Preservation of Viral Gene Expression. SSRN Electronic Journal, 0, , .	0.4	0
59	Title is missing!. , 2020, 16, e1008843.		0
60	Title is missing!. , 2020, 16, e1008843.		0
61	Title is missing!. , 2020, 16, e1008843.		0
62	Title is missing!. , 2020, 16, e1008843.		0