Ian Mohr

List of Publications by Year
in descending order

53 papers	3,141 citations	159585 30 h-index	168389 53 g-index
56 all docs	56 docs citations	56 times ranked	3835 citing authors

#	Article	IF	Citations
1	Direct RNA sequencing on nanopore arrays redefines the transcriptional complexity of a viral pathogen. Nature Communications, 2019, 10, 754.	12.8	200
2	RNA m⁶ A modification enzymes shape innate responses to DNA by regulating interferon Î². Genes and Development, 2018, 32, 1472-1484.	5.9	180
3	Phosphorylation of eIF4E by Mnk-1 enhances HSV-1 translation and replication in quiescent cells. Genes and Development, 2004, 18, 660-672.	5.9	166
4	Nature and Duration of Growth Factor Signaling through Receptor Tyrosine Kinases Regulates HSV-1 Latency in Neurons. Cell Host and Microbe, 2010, 8, 320-330.	11.0	140
5	Transient Reversal of Episome Silencing Precedes VP16-Dependent Transcription during Reactivation of Latent HSV-1 in Neurons. PLoS Pathogens, 2012, 8, e1002540.	4.7	133
6	A cultured affair: HSV latency and reactivation in neurons. Trends in Microbiology, 2012, 20, 604-611.	7.7	130
7	Host Translation at the Nexus of Infection and Immunity. Cell Host and Microbe, 2012, 12, 470-483.	11.0	130
8	Translational Control in Virus-Infected Cells. Cold Spring Harbor Perspectives in Biology, 2019, 11, a033001.	5.5	128
9	Constitutive mTORC1 activation by a herpesvirus Akt surrogate stimulates mRNA translation and viral replication. Genes and Development, 2010, 24, 2627-2639.	5.9	119
10	Translational control of the activation of transcription factor NF-ÎºB and production of type I interferon by phosphorylation of the translation factor eIF4E. Nature Immunology, 2012, 13, 543-550.	14.5	114
11	A Cap-to-Tail Guide to mRNA Translation Strategies in Virus-Infected Cells. Annual Review of Virology, 2016, 3, 283-307.	6.7	113
12	Platelets contribute to disease severity in COVIDâ€19. Journal of Thrombosis and Haemostasis, 2021, 19, 3139-3153.	3.8	111
13	Regulation of the Translation Initiation Factor eIF4F by Multiple Mechanisms in Human Cytomegalovirus-Infected Cells. Journal of Virology, 2005, 79, 8057-8064.	3.4	108
14	Maintenance of Endoplasmic Reticulum (ER) Homeostasis in Herpes Simplex Virus Type 1-Infected Cells through the Association of a Viral Glycoprotein with PERK, a Cellular ER Stress Sensor. Journal of Virology, 2007, 81, 3377-3390.	3.4	108
15	Cellular 5â€²-3â€² mRNA Exonuclease Xrn1 Controls Double-Stranded RNA Accumulation and Anti-Viral Responses. Cell Host and Microbe, 2015, 17, 332-344.	11.0	97
16	Association of the Herpes Simplex Virus Type 1 Us11 Gene Product with the Cellular Kinesin Light-Chain-Related Protein PAT1 Results in the Redistribution of Both Polypeptides. Journal of Virology, 2003, 77, 9192-9203.	3.4	84
17	Platelets amplify endotheliopathy in COVID-19. Science Advances, 2021, 7, eabh2434.	10.3	78
18	Control of viral latency in neurons by axonal mTOR signaling and the 4E-BP translation repressor. Genes and Development, 2012, 26, 1527-1532.	5.9	72

#	Article	IF	Citations
19	Targeting the m⁶A RNA modification pathway blocks SARS-CoV-2 and HCoV-OC43 replication. Genes and Development, 2021, 35, 1005-1019.	5.9	70
20	Ribosome biogenesis restricts innate immune responses to virus infection and DNA. ELife, 2019, 8, .	6.0	61
21	Defining the Role of Stress Granules in Innate Immune Suppression by the Herpes Simplex Virus 1 Endoribonuclease VHS. Journal of Virology, 2018, 92, .	3.4	51
22	Global Reprogramming of the Cellular Translational Landscape Facilitates Cytomegalovirus Replication. Cell Reports, 2014, 6, 9-17.	6.4	46
23	Immune Escape via a Transient Gene Expression Program Enables Productive Replication of a Latent Pathogen. Cell Reports, 2017, 18, 1312-1323.	6.4	43
24	Modeling HSV-1 Latency in Human Embryonic Stem Cell-Derived Neurons. Pathogens, 2017, 6, 24.	2.8	42
25	NEUTRALIZING INNATE HOST DEFENSES TO CONTROL VIRAL TRANSLATION IN HSV-1 INFECTED CELLS. International Reviews of Immunology, 2004, 23, 199-220.	3.3	40
26	Coupling 40S ribosome recruitment to modification of a cap-binding initiation factor by eIF3 subunit e. Genes and Development, 2014, 28, 835-840.	5.9	40
27	Restriction of Human Cytomegalovirus Replication by ISG15, a Host Effector Regulated by cGAS-STING Double-Stranded-DNA Sensing. Journal of Virology, 2017, 91, .	3.4	40
28	Widespread remodeling of the m ⁶ A RNA-modification landscape by a viral regulator of RNA processing and export. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	39
29	Phosphorylation and dephosphorylation events that regulate viral mRNA translation. Virus Research, 2006, 119, 89-99.	2.2	38
30	Poly(A) binding protein abundance regulates eukaryotic translation initiation factor 4F assembly in human cytomegalovirus-infected cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5627-5632.	7.1	35
31	Going the Distance: Optimizing RNA-Seq Strategies for Transcriptomic Analysis of Complex Viral Genomes. Journal of Virology, 2019, 93, .	3.4	34
32	To replicate or not to replicate: achieving selective oncolytic virus replication in cancer cells through translational control. Oncogene, 2005, 24, 7697-7709.	5.9	32
33	TOP2Î²-Dependent Nuclear DNA Damage Shapes Extracellular Growth Factor Responses via Dynamic AKT Phosphorylation to Control Virus Latency. Molecular Cell, 2019, 74, 466-480.e4.	9.7	31
34	Translational Control of the Abundance of Cytoplasmic Poly(A) Binding Protein in Human Cytomegalovirus-Infected Cells. Journal of Virology, 2011, 85, 156-164.	3.4	30
35	CD8+ T-cell Immune Evasion Enables Oncolytic Virus Immunotherapy. EBioMedicine, 2016, 5, 59-67.	6.1	29
36	Inhibition of ULK1 and Beclin1 by an Î±-herpesvirus Akt-like Ser/Thr kinase limits autophagy to stimulate virus replication. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26941-26950.	7.1	28

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37	Repression of eEF2K transcription by NF-Î¹B tunes translation elongation to inflammation and dsDNA-sensing. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22583-22590.	7.1	26
38	DRUMMERâ€"rapid detection of RNA modifications through comparative nanopore sequencing. Bioinformatics, 2022, 38, 3113-3115.	4.1	26
39	Co-opting the Fanconi Anemia Genomic Stability Pathway Enables Herpesvirus DNA Synthesis and Productive Growth. Molecular Cell, 2014, 55, 111-122.	9.7	24
40	Singleâ€cell transcriptomics identifies Gadd45b as a regulator of herpesvirusâ€reactivating neurons. EMBO Reports, 2022, 23, e53543.	4.5	16
41	Remodeling mTORC1 Responsiveness to Amino Acids by the Herpes Simplex Virus UL46 and Us3 Gene Products Supports Replication during Nutrient Insufficiency. Journal of Virology, 2018, 92, .	3.4	14
42	Subversion of Host Responses to Energy Insufficiency by Us3 Supports Herpes Simplex Virus 1 Replication during Stress. Journal of Virology, 2017, 91, .	3.4	13
43	Targeting Poxvirus Decapping Enzymes and mRNA Decay to Generate an Effective Oncolytic Virus. Molecular Therapy - Oncolytics, 2018, 8, 71-81.	4.4	11
44	Vaccinia virus D10 has broad decapping activity that is regulated by mRNA splicing. PLoS Pathogens, 2022, 18, e1010099.	4.7	11
45	Minding the message: tactics controlling RNA decay, modification, and translation in virus-infected cells. Genes and Development, 2022, 36, 108-132.	5.9	8
46	An eIF3d-dependent switch regulates HCMV replication by remodeling the infected cell translation landscape to mimic chronic ER stress. Cell Reports, 2022, 39, 110767.	6.4	8
47	Closing in on the causes of host shutoff. ELife, 2016, 5, .	6.0	7
48	Genetic metamorphosis of herpes simplex virus-1 into a biological therapeutic for human cancer. Expert Opinion on Biological Therapy, 2003, 3, 113-125.	3.1	6
49	Evolutionary clash between myxoma virus and rabbit PKR in Australia. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3912-3914.	7.1	6
50	Shared ancestry of herpes simplex virus 1 strain Patton with recent clinical isolates from Asia and with strain KOS63. Virology, 2017, 512, 124-131.	2.4	5
51	Preventing translational inhibition from ribosomal protein insufficiency by a herpes simplex virusâ€"encoded ribosome-associated protein. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	5
52	Using Primary SCG Neuron Cultures to Study Molecular Determinants of HSV-1 Latency and Reactivation. Methods in Molecular Biology, 2020, 2060, 263-277.	0.9	2
53	Control of animal virus replication by RNA adenosine methylation. Advances in Virus Research, 2022, , .	2.1	0