Wolfram Brune

List of Publications by Year
in descending order

83	3,755	136950 32	138484 58
papers	citations	h-index	g-index

91	91	91	3441
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cloning and sequencing of a highly productive, endotheliotropic virus strain derived from human cytomegalovirus TB40/E. Journal of General Virology, 2008, 89, 359-368.	2.9	346
2	Fast Screening Procedures for Random Transposon Libraries of Cloned Herpesvirus Genomes: Mutational Analysis of Human Cytomegalovirus Envelope Glycoprotein Genes. Journal of Virology, 2000, 74, 7720-7729.	3.4	217
3	A Ribonucleotide Reductase Homolog of Cytomegalovirus and Endothelial Cell Tropism. Science, 2001, 291, 303-305.	12.6	194
4	Immune evasion by cytomegalovirusâ€"survival strategies of a highly adapted opportunist. Trends in Microbiology, 1998, 6, 190-197.	7.7	190
5	Role of Murine Cytomegalovirus US22 Gene Family Members in Replication in Macrophages. Journal of Virology, 2003, 77, 5557-5570.	3.4	148
6	The Human Cytomegalovirus Protein TRS1 Inhibits Autophagy via Its Interaction with Beclin 1. Journal of Virology, 2012, 86, 2571-2584.	3.4	143
7	Inhibition of proinflammatory and innate immune signaling pathways by a cytomegalovirus RIP1-interacting protein. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3094-3099.	7.1	121
8	NovelGLRA1Missense Mutation (P250T) in Dominant Hyperekplexia Defines an Intracellular Determinant of Glycine Receptor Channel Gating. Journal of Neuroscience, 1999, 19, 869-877.	3.6	120
9	Rapid identification of essential and nonessential herpesvirus genes by direct transposon mutagenesis. Nature Biotechnology, 1999, 17, 360-364.	17.5	112
10	Forward with BACs. Trends in Genetics, 2000, 16, 254-259.	6.7	103
11	A Mouse Model for Cytomegalovirus Infection. Current Protocols in Immunology, 2001, 43, Unit 19.7.	3.6	93
12	Induction of apoptosis limits cytomegalovirus cross-species infection. EMBO Journal, 2006, 25, 2634-2642.	7.8	89
13	The Ribonucleotide Reductase R1 Homolog of Murine Cytomegalovirus Is Not a Functional Enzyme Subunit but Is Required for Pathogenesis. Journal of Virology, 2004, 78, 4278-4288.	3.4	84
14	Essential Role for either TRS1 or IRS1 in Human Cytomegalovirus Replication. Journal of Virology, 2009, 83, 4112-4120.	3.4	82
15	Analysis of the role of autophagy inhibition by two complementary human cytomegalovirus BECN1/Beclin 1-binding proteins. Autophagy, 2016, 12, 327-342.	9.1	82
16	Viral Mediated Redirection of NEMO/IKKÎ³ to Autophagosomes Curtails the Inflammatory Cascade. PLoS Pathogens, 2012, 8, e1002517.	4.7	80
17	Tinkering with a viral ribonucleotide reductase. Trends in Biochemical Sciences, 2009, 34, 25-32.	7.5	75
18	SUMOylation of the Human Cytomegalovirus 72-Kilodalton IE1 Protein Facilitates Expression of the 86-Kilodalton IE2 Protein and Promotes Viral Replication. Journal of Virology, 2004, 78, 7803-7812.	3.4	70

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19	Calcium spirulan derived from Spirulina platensis inhibits herpes simplex virus 1 attachment to human keratinocytes and protects against herpes labialis. Journal of Allergy and Clinical Immunology, 2016, 137, 197-203.e3.	2.9	68
20	Murine Cytomegalovirus m142 and m143 Are both Required To Block Protein Kinase R-Mediated Shutdown of Protein Synthesis. Journal of Virology, 2006, 80, 10181-10190.	3.4	64
21	Die Another Day: Inhibition of Cell Death Pathways by Cytomegalovirus. Viruses, 2017, 9, 249.	3.3	62
22	Cytomegaloviruses inhibit Bak- and Bax-mediated apoptosis with two separate viral proteins. Cell Death and Differentiation, 2010, 17, 655-665.	11.2	58
23	Cytomegalovirus Infection: Mouse Model. Current Protocols in Immunology, 2018, 122, e51.	3.6	55
24	The Gammaherpesviruses Kaposi's Sarcoma-Associated Herpesvirus and Murine Gammaherpesvirus 68 Modulate the Toll-Like Receptor-Induced Proinflammatory Cytokine Response. Journal of Virology, 2014, 88, 9245-9259.	3.4	51
25	Murine Cytomegalovirus m41 Open Reading Frame Encodes a Golgi-Localized Antiapoptotic Protein. Journal of Virology, 2003, 77, 11633-11643.	3.4	50
26	Inhibition of programmed cell death by cytomegaloviruses. Virus Research, 2011, 157, 144-150.	2.2	50
27	Cytomegalovirus Downregulates IRE1 to Repress the Unfolded Protein Response. PLoS Pathogens, 2013, 9, e1003544.	4.7	48
28	Persistent hyperinsulinaemic hypoglycaemia of infancy: therapy, clinical outcome and mutational analysis. European Journal of Pediatrics, 1997, 156, 754-757.	2.7	46
29	Murine Cytomegalovirus m38.5 Protein Inhibits Bax-Mediated Cell Death. Journal of Virology, 2008, 82, 4812-4822.	3.4	43
30	Specific Inhibition of the PKR-Mediated Antiviral Response by the Murine Cytomegalovirus Proteins m142 and m143. Journal of Virology, 2009, 83, 1260-1270.	3.4	41
31	Herpesviruses induce aggregation and selective autophagy of host signalling proteins NEMO and RIPK1 as an immune-evasion mechanism. Nature Microbiology, 2020, 5, 331-342.	13.3	39
32	Vaccination of Mice with Bacteria Carrying a Cloned Herpesvirus Genome Reconstituted In Vivo. Journal of Virology, 2003, 77, 8249-8255.	3.4	36
33	Prevention of Cellular Suicide by Cytomegaloviruses. Viruses, 2012, 4, 1928-1949.	3.3	31
34	The interferon-stimulated gene product oligoadenylate synthetase-like protein enhances replication of Kaposiâ€™s sarcoma-associated herpesvirus (KSHV) and interacts with the KSHV ORF20 protein. PLoS Pathogens, 2018, 14, e1006937.	4.7	28
35	Live or let die: manipulation of cellular suicide programs by murine cytomegalovirus. Medical Microbiology and Immunology, 2012, 201, 475-486.	4.8	27
36	Murine Cytomegalovirus Virion-Associated Protein M45 Mediates Rapid NF-ÎºB Activation after Infection. Journal of Virology, 2014, 88, 9963-9975.	3.4	27

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37	Human cytomegalovirus forms phase-separated compartments at viral genomes to facilitate viral replication. Cell Reports, 2022, 38, 110469.	6.4	27
38	Construction of a Lytically Replicating Kaposi's Sarcoma-Associated Herpesvirus. Journal of Virology, 2011, 85, 10415-10420.	3.4	26
39	The Viral Bcl-2 Homologs of Kaposi's Sarcoma-Associated Herpesvirus and Rhesus Rhadinovirus Share an Essential Role for Viral Replication. Journal of Virology, 2017, 91, .	3.4	26
40	Viral Inhibition of BAK Promotes Murine Cytomegalovirus Dissemination to Salivary Glands. Journal of Virology, 2013, 87, 3592-3596.	3.4	24
41	Cytomegalovirus bacterial artificial chromosomes: A new herpesvirus vector approach. Advances in Virus Research, 2000, 55, 463-478.	2.1	22
42	Mutations in the M112/M113-Coding Region Facilitate Murine Cytomegalovirus Replication in Human Cells. Journal of Virology, 2010, 84, 7994-8006.	3.4	22
43	Complete Genome Sequence of the English Isolate of Rat Cytomegalovirus (Murid Herpesvirus 8) Tj ETQq1 1 0.784314 rgBT /Ov	3.4	22
44	Inefficient Placental Virus Replication and Absence of Neonatal Cell-Specific Immunity Upon Sars-CoV-2 Infection During Pregnancy. Frontiers in Immunology, 2021, 12, 698578.	4.8	22
45	Cytomegalovirus (CMV) Pneumonitis: Cell Tropism, Inflammation, and Immunity. International Journal of Molecular Sciences, 2019, 20, 3865.	4.1	21
46	Human cytomegalovirus glycoprotein B variants affect viral entry, cell fusion, and genome stability. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18021-18030.	7.1	21
47	Multidimensional electrostatic repulsionâ€“hydrophilic interaction chromatography (ERLIC) for quantitative analysis of the proteome and phosphoproteome in clinical and biomedical research. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 460-468.	2.3	20
48	Secreted Virusâ€“Encoded Proteins Reflect Murine Cytomegalovirus Productivity in Organs. Journal of Infectious Diseases, 2001, 184, 1320-1324.	4.0	17
49	Human Macrophages Escape Inhibition of Major Histocompatibility Complex-Dependent Antigen Presentation by Cytomegalovirus and Drive Proliferation and Activation of Memory CD4+ and CD8+ T Cells. Frontiers in Immunology, 2018, 9, 1129.	4.8	17
50	Molecular Analysis ofHuman MetapneumovirusDetected in Patients with Lower Respiratory Tract Infection in Upper Egypt. International Journal of Microbiology, 2014, 2014, 1-11.	2.3	16
51	Laboratory diagnostics of murine blood for detection of mouse cytomegalovirus (MCMV)-induced hepatitis. Scientific Reports, 2018, 8, 14823.	3.3	16
52	Cross-regulation of viral kinases with cyclin A secures shutoff of host DNA synthesis. Nature Communications, 2020, 11, 4845.	12.8	16
53	Repression of viral gene expression and replication by the unfolded protein response effector XBP1u. ELife, 2020, 9, .	6.0	16
54	Functional Comparison of Molluscum Contagiosum Virus vFLIP MC159 with Murine Cytomegalovirus M36/vICA and M45/vIRA Proteins. Journal of Virology, 2016, 90, 2895-2905.	3.4	15

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55	Differential Requirement of Human Cytomegalovirus UL112-113 Protein Isoforms for Viral Replication. Journal of Virology, 2017, 91, .	3.4	15
56	Efficient downregulation of major histocompatibility complex class I molecules in human epithelial cells infected with cytomegalovirus. Journal of General Virology, 2001, 82, 2061-2070.	2.9	15
57	Rat cytomegalovirus (RCMV) English isolate and a newly identified Berlin isolate share similarities with but are separate as an anciently diverged clade from Mouse CMV and the Maastricht isolate of RCMV. Journal of General Virology, 2015, 96, 1873-1882.	2.9	15
58	Stepwise adaptation of murine cytomegalovirus to cells of a foreign host for identification of host range determinants. Medical Microbiology and Immunology, 2015, 204, 461-469.	4.8	13
59	Kaposiâ€™s sarcoma-associated herpesvirus vIRF2 protein utilizes an IFN-dependent pathway to regulate viral early gene expression. PLoS Pathogens, 2019, 15, e1007743.	4.7	12
60	Viral Induced Protein Aggregation: A Mechanism of Immune Evasion. International Journal of Molecular Sciences, 2021, 22, 9624.	4.1	12
61	Cellular Importin-Î±3 Expression Dynamics in the Lung Regulate Antiviral Response Pathways against Influenza A Virus Infection. Cell Reports, 2020, 31, 107549.	6.4	11
62	Epithelial Differentiation Fails to Support Replication of Cloned Human Papillomavirus Type 16 DNA in Transfected Keratinocytes. Journal of Investigative Dermatology, 1995, 104, 277-281.	0.7	9
63	Functional Dissection of an Alternatively Spliced Herpesvirus Gene by Splice Site Mutagenesis. Journal of Virology, 2016, 90, 4626-4636.	3.4	9
64	Lack of XBP-1 Impedes Murine Cytomegalovirus Gene Expression. PLoS ONE, 2014, 9, e110942.	2.5	9
65	Cell Fusion and Syncytium Formation in Betaherpesvirus Infection. Viruses, 2021, 13, 1973.	3.3	9
66	Herpesvirus Replication Compartments: Dynamic Biomolecular Condensates?. Viruses, 2022, 14, 960.	3.3	9
67	Knockout of the Host Resistance Gene Pkr Fully Restores Replication of Murine Cytomegalovirus m142 and m143 Mutants In Vivo. Journal of Virology, 2016, 90, 1144-1147.	3.4	8
68	Activation of E2F-dependent transcription by the mouse cytomegalovirus M117 protein affects the viral host range. PLoS Pathogens, 2018, 14, e1007481.	4.7	8
69	Species-Specific Inhibition of Necroptosis by HCMV UL36. Viruses, 2021, 13, 2134.	3.3	8
70	Deletion of the rat cytomegalovirus immediate-early 1 gene results in a virus capable of establishing latency, but with lower levels of acute virus replication and latency that compromise reactivation efficiency. Journal of General Virology, 2010, 91, 616-621.	2.9	7
71	Complete Genome Sequence of a Human Cytomegalovirus Strain AD169 Bacterial Artificial Chromosome Clone. Genome Announcements, 2016, 4, .	0.8	7
72	Copy-Paste Mutagenesis: A Method for Large-Scale Alteration of Viral Genomes. International Journal of Molecular Sciences, 2019, 20, 913.	4.1	7

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73	A Temporal Gate for Viral Enhancers to Co-opt Toll-Like-Receptor Transcriptional Activation Pathways upon Acute Infection. PLoS Pathogens, 2015, 11, e1004737.	4.7	6
74	Murine cytomegaloviruses m139 targets DDX3 to curtail interferon production and promote viral replication. PLoS Pathogens, 2020, 16, e1008546.	4.7	6
75	Random Transposon Mutagenesis of Large DNA Molecules in Escherichia coli. , 2002, 182, 165-171.		5
76	Genetic and Functional Characterization of Toll-Like Receptor Responses in Immunocompetent Patients With CMV Mononucleosis. Frontiers in Cellular and Infection Microbiology, 2020, 10, 386.	3.9	4
77	Viral-Mediated Tethering to SEL1L Facilitates Endoplasmic Reticulum-Associated Degradation of IRE1. Journal of Virology, 2021, 95, .	3.4	4
78	Human Cytomegalovirus Forms Phase-Separated Compartments at Viral Genomes to Facilitate Viral Replication. SSRN Electronic Journal, 0, , .	0.4	1
79	Rapid identification of essential and nonessential cytomegalovirus genes by direct transposon mutagenesis. Journal of Clinical Virology, 1999, 12, 93.	3.1	0
80	Title is missing!. , 2020, 16, e1008546.		0
81	Title is missing!. , 2020, 16, e1008546.		0
82	Title is missing!. , 2020, 16, e1008546.		0
83	Title is missing!. , 2020, 16, e1008546.		0