

Wolfram Brune

List of Publications by Year in descending order

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83
papers

3,755
citations

136950

32
h-index

138484

58
g-index

91
all docs

91
docs citations

91
times ranked

3441
citing authors

#	ARTICLE	IF	CITATIONS
1	Human cytomegalovirus forms phase-separated compartments at viral genomes to facilitate viral replication. <i>Cell Reports</i> , 2022, 38, 110469.	6.4	27
2	Herpesvirus Replication Compartments: Dynamic Biomolecular Condensates?. <i>Viruses</i> , 2022, 14, 960.	3.3	9
3	Viral-Mediated Tethering to SEL1L Facilitates Endoplasmic Reticulum-Associated Degradation of IRE1. <i>Journal of Virology</i> , 2021, 95, .	3.4	4
4	Inefficient Placental Virus Replication and Absence of Neonatal Cell-Specific Immunity Upon Sars-CoV-2 Infection During Pregnancy. <i>Frontiers in Immunology</i> , 2021, 12, 698578.	4.8	22
5	Viral Induced Protein Aggregation: A Mechanism of Immune Evasion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9624.	4.1	12
6	Cell Fusion and Syncytium Formation in Betaherpesvirus Infection. <i>Viruses</i> , 2021, 13, 1973.	3.3	9
7	Species-Specific Inhibition of Necroptosis by HCMV UL36. <i>Viruses</i> , 2021, 13, 2134.	3.3	8
8	Herpesviruses induce aggregation and selective autophagy of host signalling proteins NEMO and RIPK1 as an immune-evasion mechanism. <i>Nature Microbiology</i> , 2020, 5, 331-342.	13.3	39
9	Cross-regulation of viral kinases with cyclin A secures shutoff of host DNA synthesis. <i>Nature Communications</i> , 2020, 11, 4845.	12.8	16
10	Murine cytomegaloviruses m139 targets DDX3 to curtail interferon production and promote viral replication. <i>PLoS Pathogens</i> , 2020, 16, e1008546.	4.7	6
11	Genetic and Functional Characterization of Toll-Like Receptor Responses in Immunocompetent Patients With CMV Mononucleosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 386.	3.9	4
12	Cellular Importin- β 3 Expression Dynamics in the Lung Regulate Antiviral Response Pathways against Influenza A Virus Infection. <i>Cell Reports</i> , 2020, 31, 107549.	6.4	11
13	Repression of viral gene expression and replication by the unfolded protein response effector XBP1u. <i>ELife</i> , 2020, 9, .	6.0	16
14	Title is missing!. , 2020, 16, e1008546.		0
15	Title is missing!. , 2020, 16, e1008546.		0
16	Title is missing!. , 2020, 16, e1008546.		0
17	Title is missing!. , 2020, 16, e1008546.		0
18	Cytomegalovirus (CMV) Pneumonitis: Cell Tropism, Inflammation, and Immunity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3865.	4.1	21

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19	Human cytomegalovirus glycoprotein B variants affect viral entry, cell fusion, and genome stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18021-18030.	7.1	21
20	Kaposi's sarcoma-associated herpesvirus vIRF2 protein utilizes an IFN-dependent pathway to regulate viral early gene expression. <i>PLoS Pathogens</i> , 2019, 15, e1007743.	4.7	12
21	Copy-Paste Mutagenesis: A Method for Large-Scale Alteration of Viral Genomes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 913.	4.1	7
22	Activation of E2F-dependent transcription by the mouse cytomegalovirus M117 protein affects the viral host range. <i>PLoS Pathogens</i> , 2018, 14, e1007481.	4.7	8
23	Laboratory diagnostics of murine blood for detection of mouse cytomegalovirus (MCMV)-induced hepatitis. <i>Scientific Reports</i> , 2018, 8, 14823.	3.3	16
24	Cytomegalovirus Infection: Mouse Model. <i>Current Protocols in Immunology</i> , 2018, 122, e51.	3.6	55
25	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. <i>Frontiers in Immunology</i> , 2018, 9, 1129.	4.8	17
26	The interferon-stimulated gene product oligoadenylate synthetase-like protein enhances replication of Kaposi's sarcoma-associated herpesvirus (KSHV) and interacts with the KSHV ORF20 protein. <i>PLoS Pathogens</i> , 2018, 14, e1006937.	4.7	28
27	The Viral Bcl-2 Homologs of Kaposi's Sarcoma-Associated Herpesvirus and Rhesus Rhadinovirus Share an Essential Role for Viral Replication. <i>Journal of Virology</i> , 2017, 91, .	3.4	26
28	Differential Requirement of Human Cytomegalovirus UL112-113 Protein Isoforms for Viral Replication. <i>Journal of Virology</i> , 2017, 91, .	3.4	15
29	Die Another Day: Inhibition of Cell Death Pathways by Cytomegalovirus. <i>Viruses</i> , 2017, 9, 249.	3.3	62
30	Complete Genome Sequence of a Human Cytomegalovirus Strain AD169 Bacterial Artificial Chromosome Clone. <i>Genome Announcements</i> , 2016, 4, .	0.8	7
31	Analysis of the role of autophagy inhibition by two complementary human cytomegalovirus BECN1/Beclin 1-binding proteins. <i>Autophagy</i> , 2016, 12, 327-342.	9.1	82
32	Functional Dissection of an Alternatively Spliced Herpesvirus Gene by Splice Site Mutagenesis. <i>Journal of Virology</i> , 2016, 90, 4626-4636.	3.4	9
33	Functional Comparison of Molluscum Contagiosum Virus vFLIP MC159 with Murine Cytomegalovirus M36/MCA and M45/MIRA Proteins. <i>Journal of Virology</i> , 2016, 90, 2895-2905.	3.4	15
34	Knockout of the Host Resistance Gene Pkr Fully Restores Replication of Murine Cytomegalovirus m142 and m143 Mutants In Vivo. <i>Journal of Virology</i> , 2016, 90, 1144-1147.	3.4	8
35	Calcium spirulan derived from <i>Spirulina platensis</i> inhibits herpes simplex virus 1 attachment to human keratinocytes and protects against herpes labialis. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 197-203.e3.	2.9	68
36	Multidimensional electrostatic repulsion-hydrophilic interaction chromatography (ERLIC) for quantitative analysis of the proteome and phosphoproteome in clinical and biomedical research. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 460-468.	2.3	20

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37	A Temporal Gate for Viral Enhancers to Co-opt Toll-Like-Receptor Transcriptional Activation Pathways upon Acute Infection. <i>PLoS Pathogens</i> , 2015, 11, e1004737.	4.7	6
38	Stepwise adaptation of murine cytomegalovirus to cells of a foreign host for identification of host range determinants. <i>Medical Microbiology and Immunology</i> , 2015, 204, 461-469.	4.8	13
39	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. <i>Journal of General Virology</i> , 2015, 96, 1873-1882.	2.9	15
40	Murine Cytomegalovirus Virion-Associated Protein M45 Mediates Rapid NF- κ B Activation after Infection. <i>Journal of Virology</i> , 2014, 88, 9963-9975.	3.4	27
41	The Gammaherpesviruses Kaposi's Sarcoma-Associated Herpesvirus and Murine Gammaherpesvirus 68 Modulate the Toll-Like Receptor-Induced Proinflammatory Cytokine Response. <i>Journal of Virology</i> , 2014, 88, 9245-9259.	3.4	51
42	Molecular Analysis of Human Metapneumovirus Detected in Patients with Lower Respiratory Tract Infection in Upper Egypt. <i>International Journal of Microbiology</i> , 2014, 2014, 1-11.	2.3	16
43	Lack of XBP-1 Impedes Murine Cytomegalovirus Gene Expression. <i>PLoS ONE</i> , 2014, 9, e110942.	2.5	9
44	Cytomegalovirus Downregulates IRE1 to Repress the Unfolded Protein Response. <i>PLoS Pathogens</i> , 2013, 9, e1003544.	4.7	48
45	Viral Inhibition of BAK Promotes Murine Cytomegalovirus Dissemination to Salivary Glands. <i>Journal of Virology</i> , 2013, 87, 3592-3596.	3.4	24
46	Prevention of Cellular Suicide by Cytomegaloviruses. <i>Viruses</i> , 2012, 4, 1928-1949.	3.3	31
47	Viral Mediated Redirection of NEMO/IKK β to Autophagosomes Curtails the Inflammatory Cascade. <i>PLoS Pathogens</i> , 2012, 8, e1002517.	4.7	80
48	Complete Genome Sequence of the English Isolate of Rat Cytomegalovirus (Murid Herpesvirus 8) Tj ETQq000rgBT/Overlock 10	3.4	22
49	The Human Cytomegalovirus Protein TRS1 Inhibits Autophagy via Its Interaction with Beclin 1. <i>Journal of Virology</i> , 2012, 86, 2571-2584.	3.4	143
50	Live or let die: manipulation of cellular suicide programs by murine cytomegalovirus. <i>Medical Microbiology and Immunology</i> , 2012, 201, 475-486.	4.8	27
51	Inhibition of programmed cell death by cytomegaloviruses. <i>Virus Research</i> , 2011, 157, 144-150.	2.2	50
52	Construction of a Lytically Replicating Kaposi's Sarcoma-Associated Herpesvirus. <i>Journal of Virology</i> , 2011, 85, 10415-10420.	3.4	26
53	Cytomegaloviruses inhibit Bak- and Bax-mediated apoptosis with two separate viral proteins. <i>Cell Death and Differentiation</i> , 2010, 17, 655-665.	11.2	58
54	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. <i>Journal of General Virology</i> , 2010, 91, 616-621.	2.9	7

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55	Mutations in the M112/M113-Coding Region Facilitate Murine Cytomegalovirus Replication in Human Cells. <i>Journal of Virology</i> , 2010, 84, 7994-8006.	3.4	22
56	Specific Inhibition of the PKR-Mediated Antiviral Response by the Murine Cytomegalovirus Proteins m142 and m143. <i>Journal of Virology</i> , 2009, 83, 1260-1270.	3.4	41
57	Essential Role for either <i>TRS1</i> or <i>IRS1</i> in Human Cytomegalovirus Replication. <i>Journal of Virology</i> , 2009, 83, 4112-4120.	3.4	82
58	Tinkering with a viral ribonucleotide reductase. <i>Trends in Biochemical Sciences</i> , 2009, 34, 25-32.	7.5	75
59	Inhibition of proinflammatory and innate immune signaling pathways by a cytomegalovirus RIP1-interacting protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3094-3099.	7.1	121
60	Murine Cytomegalovirus m38.5 Protein Inhibits Bax-Mediated Cell Death. <i>Journal of Virology</i> , 2008, 82, 4812-4822.	3.4	43
61	Cloning and sequencing of a highly productive, endotheliotropic virus strain derived from human cytomegalovirus TB40/E. <i>Journal of General Virology</i> , 2008, 89, 359-368.	2.9	346
62	Induction of apoptosis limits cytomegalovirus cross-species infection. <i>EMBO Journal</i> , 2006, 25, 2634-2642.	7.8	89
63	Murine Cytomegalovirus m142 and m143 Are both Required To Block Protein Kinase R-Mediated Shutdown of Protein Synthesis. <i>Journal of Virology</i> , 2006, 80, 10181-10190.	3.4	64
64	The Ribonucleotide Reductase R1 Homolog of Murine Cytomegalovirus Is Not a Functional Enzyme Subunit but Is Required for Pathogenesis. <i>Journal of Virology</i> , 2004, 78, 4278-4288.	3.4	84
65	SUMOylation of the Human Cytomegalovirus 72-Kilodalton IE1 Protein Facilitates Expression of the 86-Kilodalton IE2 Protein and Promotes Viral Replication. <i>Journal of Virology</i> , 2004, 78, 7803-7812.	3.4	70
66	Vaccination of Mice with Bacteria Carrying a Cloned Herpesvirus Genome Reconstituted In Vivo. <i>Journal of Virology</i> , 2003, 77, 8249-8255.	3.4	36
67	Role of Murine Cytomegalovirus US22 Gene Family Members in Replication in Macrophages. <i>Journal of Virology</i> , 2003, 77, 5557-5570.	3.4	148
68	Murine Cytomegalovirus m41 Open Reading Frame Encodes a Golgi-Localized Antiapoptotic Protein. <i>Journal of Virology</i> , 2003, 77, 11633-11643.	3.4	50
69	Random Transposon Mutagenesis of Large DNA Molecules in <i>Escherichia coli</i> . , 2002, 182, 165-171.		5
70	A Ribonucleotide Reductase Homolog of Cytomegalovirus and Endothelial Cell Tropism. <i>Science</i> , 2001, 291, 303-305.	12.6	194
71	A Mouse Model for Cytomegalovirus Infection. <i>Current Protocols in Immunology</i> , 2001, 43, Unit 19.7.	3.6	93
72	Secreted Virus-Encoded Proteins Reflect Murine Cytomegalovirus Productivity in Organs. <i>Journal of Infectious Diseases</i> , 2001, 184, 1320-1324.	4.0	17

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73	Efficient downregulation of major histocompatibility complex class I molecules in human epithelial cells infected with cytomegalovirus. <i>Journal of General Virology</i> , 2001, 82, 2061-2070.	2.9	15
74	Cytomegalovirus bacterial artificial chromosomes: A new herpesvirus vector approach. <i>Advances in Virus Research</i> , 2000, 55, 463-478.	2.1	22
75	Forward with BACs. <i>Trends in Genetics</i> , 2000, 16, 254-259.	6.7	103
76	Fast Screening Procedures for Random Transposon Libraries of Cloned Herpesvirus Genomes: Mutational Analysis of Human Cytomegalovirus Envelope Glycoprotein Genes. <i>Journal of Virology</i> , 2000, 74, 7720-7729.	3.4	217
77	Novel <i>GLRA1</i> Missense Mutation (P250T) in Dominant Hyperekplexia Defines an Intracellular Determinant of Glycine Receptor Channel Gating. <i>Journal of Neuroscience</i> , 1999, 19, 869-877.	3.6	120
78	Rapid identification of essential and nonessential herpesvirus genes by direct transposon mutagenesis. <i>Nature Biotechnology</i> , 1999, 17, 360-364.	17.5	112
79	Rapid identification of essential and nonessential cytomegalovirus genes by direct transposon mutagenesis. <i>Journal of Clinical Virology</i> , 1999, 12, 93.	3.1	0
80	Immune evasion by cytomegalovirus—survival strategies of a highly adapted opportunist. <i>Trends in Microbiology</i> , 1998, 6, 190-197.	7.7	190
81	Persistent hyperinsulinaemic hypoglycaemia of infancy: therapy, clinical outcome and mutational analysis. <i>European Journal of Pediatrics</i> , 1997, 156, 754-757.	2.7	46
82	Epithelial Differentiation Fails to Support Replication of Cloned Human Papillomavirus Type 16 DNA in Transfected Keratinocytes. <i>Journal of Investigative Dermatology</i> , 1995, 104, 277-281.	0.7	9
83	Human Cytomegalovirus Forms Phase-Separated Compartments at Viral Genomes to Facilitate Viral Replication. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1