Beate Sodeik

List of Publications by Citations

86 papers	5,596 citations	35 h-index	74 g-index
95 ext. papers	6,159 ext. citations	6.7 avg, IF	5.4 L-index

#	Paper	IF	Citations
86	Microtubule-mediated transport of incoming herpes simplex virus 1 capsids to the nucleus. *Journal of Cell Biology*, **1997**, 136, 1007-21	7.3	546
85	Assembly of vaccinia virus: the second wrapping cisterna is derived from the trans Golgi network. *Journal of Virology*, **1994**, 68, 130-47	6.6	294
84	Viral interactions with the cytoskeleton: a hitchhiker's guide to the cell. *Cellular Microbiology*, **2006**, 8, 387-400	3.9	292
83	Assembly of vaccinia virus: role of the intermediate compartment between the endoplasmic reticulum and the Golgi stacks. *Journal of Cell Biology*, **1993**, 121, 521-41	7.3	265
82	Function of dynein and dynactin in herpes simplex virus capsid transport. *Molecular Biology of the Cell*, **2002**, 13, 2795-809	3.5	264
81	Mechanisms of viral transport in the cytoplasm. *Trends in Microbiology*, **2000**, 8, 465-72	12.4	247
80	CD11c/CD18 on neutrophils recognizes a domain at the N terminus of the A alpha chain of fibrinogen. *Proceedings of the National Academy of Sciences of the United States of America*, **1991**, 88, 1044-8	11.5	228
79	Herpes simplex virus type 1 entry into host cells: reconstitution of capsid binding and uncoating at the nuclear pore complex in vitro. *Molecular and Cellular Biology*, **2000**, 20, 4922-31	4.8	199
78	Phosphorylation-dependent binding of hepatitis B virus core particles to the nuclear pore complex. *Journal of Cell Biology*, **1999**, 145, 45-55	7.3	192
77	Viral stop-and-go along microtubules: taking a ride with dynein and kinesins. *Trends in Microbiology*, **2005**, 13, 320-7	12.4	177
76	Mutations in neutrophil elastase causing congenital neutropenia lead to cytoplasmic protein accumulation and induction of the unfolded protein response. *Blood*, **2006**, 108, 493-500	2.2	166
75	Plus- and minus-end directed microtubule motors bind simultaneously to herpes simplex virus capsids using different inner tegument structures. *PLoS Pathogens*, **2010**, 6, e1000991	7.6	158
74	Assembly of vaccinia virus revisited: de novo membrane synthesis or acquisition from the host?. *Trends in Microbiology*, **2002**, 10, 15-24	12.4	147
73	Intact microtubules support adenovirus and herpes simplex virus infections. *Journal of Virology*, **2002**, 76, 9962-71	6.6	136
72	The inner tegument promotes herpes simplex virus capsid motility along microtubules in vitro. *Traffic*, **2006**, 7, 227-37	5.7	132
71	Native 3D intermediates of membrane fusion in herpes simplex virus 1 entry. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 10559-64	11.5	131
70	Single-cell analysis of population context advances RNAi screening at multiple levels. *Molecular Systems Biology*, **2012**, 8, 579	12.2	124

69	The role of the cytoskeleton during viral infection. *Current Topics in Microbiology and Immunology*, **2005**, 285, 67-108	3.3	110
68	Eclipse phase of herpes simplex virus type 1 infection: Efficient dynein-mediated capsid transport without the small capsid protein VP26. *Journal of Virology*, **2006**, 80, 8211-24	6.6	109
67	Scaffold expulsion and genome packaging trigger stabilization of herpes simplex virus capsids. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 9673-8	11.5	105
66	Assembly of vaccinia virus: effects of rifampin on the intracellular distribution of viral protein p65. *Journal of Virology*, **1994**, 68, 1103-14	6.6	103
65	Intracellular traffic of herpes simplex virus glycoprotein gE: characterization of the sorting signals required for its trans-Golgi network localization. *Journal of Virology*, **1999**, 73, 377-87	6.6	81
64	Cytosolic herpes simplex virus capsids not only require binding inner tegument protein pUL36 but also pUL37 for active transport prior to secondary envelopment. *Cellular Microbiology*, **2013**, 15, 248-69	3.9	66
63	Nuclear egress and envelopment of herpes simplex virus capsids analyzed with dual-color fluorescence HSV1(17+). *Journal of Virology*, **2008**, 82, 3109-24	6.6	66
62	Live-cell imaging of Marburg virus-infected cells uncovers actin-dependent transport of nucleocapsids over long distances. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 14402-7	11.5	65
61	The C terminus of the large tegument protein pUL36 contains multiple capsid binding sites that function differently during assembly and cell entry of herpes simplex virus. *Journal of Virology*, **2012**, 86, 3682-700	6.6	65
60	The Herpes Simplex Virus Protein pUL31 Escorts Nucleocapsids to Sites of Nuclear Egress, a Process Coordinated by Its N-Terminal Domain. *PLoS Pathogens*, **2015**, 11, e1004957	7.6	52
59	Cryo electron tomography of herpes simplex virus during axonal transport and secondary envelopment in primary neurons. *PLoS Pathogens*, **2011**, 7, e1002406	7.6	48
58	Assembly of vaccinia virus: incorporation of p14 and p32 into the membrane of the intracellular mature virus. *Journal of Virology*, **1995**, 69, 3560-74	6.6	46
57	A vaccinia virus core protein, p39, is membrane associated. *Journal of Virology*, **1996**, 70, 6909-21	6.6	45
56	Herpes simplex virus internalization into epithelial cells requires Na+/H+ exchangers and p21-activated kinases but neither clathrin- nor caveolin-mediated endocytosis. *Journal of Virology*, **2014**, 88, 13378-95	6.6	42
55	Remodeling nuclear architecture allows efficient transport of herpesvirus capsids by diffusion. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E5725-33	11.5	42
54	Herpes simplex virus type 1 infection of polarized epithelial cells requires microtubules and access to receptors present at cell-cell contact sites. *Journal of General Virology*, **2004**, 85, 775-786	4.9	42
53	Photophysics of new water-soluble terrylenediimide derivatives and applications in biology. *ChemPhysChem*, **2009**, 10, 180-90	3.2	41
52	The essential human cytomegalovirus gene UL52 is required for cleavage-packaging of the viral genome. *Journal of Virology*, **2008**, 82, 2065-78	6.6	40

51	Unchain my heart, baby let me go--the entry and intracellular transport of HIV. *Journal of Cell Biology*, **2002**, 159, 393-5	7.3	34
50	Contribution of direct and cross-presentation to CTL immunity against herpes simplex virus 1. *Journal of Immunology*, **2009**, 182, 283-92	5.3	30
49	A proteomic perspective of inbuilt viral protein regulation: pUL46 tegument protein is targeted for degradation by ICP0 during herpes simplex virus type 1 infection. *Molecular and Cellular Proteomics*, **2013**, 12, 3237-52	7.6	29
48	The interaction of the HSV-1 tegument proteins pUL36 and pUL37 is essential for secondary envelopment during viral egress. *Virology*, **2014**, 454-455, 67-77	3.6	28
47	RNase 7 Strongly Promotes TLR9-Mediated DNA Sensing by Human Plasmacytoid Dendritic Cells. *Journal of Investigative Dermatology*, **2018**, 138, 872-881	4.3	26
46	The Essential Human Cytomegalovirus Proteins pUL77 and pUL93 Are Structural Components Necessary for Viral Genome Encapsidation. *Journal of Virology*, **2016**, 90, 5860-5875	6.6	26
45	Improper tagging of the non-essential small capsid protein VP26 impairs nuclear capsid egress of herpes simplex virus. *PLoS ONE*, **2012**, 7, e44177	3.7	26
44	Uncoupling uncoating of herpes simplex virus genomes from their nuclear import and gene expression. *Journal of Virology*, **2011**, 85, 4271-83	6.6	24
43	Vertex-Specific Proteins pUL17 and pUL25 Mechanically Reinforce Herpes Simplex Virus Capsids. *Journal of Virology*, **2017**, 91,	6.6	23
42	HSV1 VP1-2 deubiquitinates STING to block type I interferon expression and promote brain infection. *Journal of Experimental Medicine*, **2020**, 217,	16.6	23
41	Importin 1 is required for nuclear import of herpes simplex virus proteins and capsid assembly in fibroblasts and neurons. *PLoS Pathogens*, **2018**, 14, e1006823	7.6	22
40	A herpes simplex virus-derived replicative vector expressing LIF limits experimental demyelinating disease and modulates autoimmunity. *PLoS ONE*, **2013**, 8, e64200	3.7	22
39	Herpes simplex virus 1 interferes with autophagy of murine dendritic cells and impairs their ability to stimulate CD8 T lymphocytes. *European Journal of Immunology*, **2017**, 47, 1819-1834	6.1	21
38	Primary biliary acids inhibit hepatitis D virus (HDV) entry into human hepatoma cells expressing the sodium-taurocholate cotransporting polypeptide (NTCP). *PLoS ONE*, **2015**, 10, e0117152	3.7	21
37	The ATP-Dependent RNA Helicase DDX3X Modulates Herpes Simplex Virus 1 Gene Expression. *Journal of Virology*, **2017**, 91,	6.6	20
36	Inner tegument proteins of Herpes Simplex Virus are sufficient for intracellular capsid motility in neurons but not for axonal targeting. *PLoS Pathogens*, **2017**, 13, e1006813	7.6	20
35	c-Myb protein interacts with Rcd-1, a component of the CCR4 transcription mediator complex. *Biochemistry*, **2004**, 43, 8152-9	3.2	19
34	Prevention of herpes simplex virus induced stromal keratitis by a glycoprotein B-specific monoclonal antibody. *PLoS ONE*, **2015**, 10, e0116800	3.7	18

33	Early, active, and specific localization of herpes simplex virus type 1 gM to nuclear membranes. *Journal of Virology*, **2009**, 83, 12984-97	6.6	18
32	Acid ceramidase of macrophages traps herpes simplex virus in multivesicular bodies and protects from severe disease. *Nature Communications*, **2020**, 11, 1338	17.4	17
31	Conserved Tryptophan Motifs in the Large Tegument Protein pUL36 Are Required for Efficient Secondary Envelopment of Herpes Simplex Virus Capsids. *Journal of Virology*, **2016**, 90, 5368-5383	6.6	17
30	A Therapeutic Antiviral Antibody Inhibits the Anterograde Directed Neuron-to-Cell Spread of Herpes Simplex Virus and Protects against Ocular Disease. *Frontiers in Microbiology*, **2017**, 8, 2115	5.7	17
29	Autophagic degradation of lamins facilitates the nuclear egress of herpes simplex virus type 1. *Journal of Cell Biology*, **2019**, 218, 508-523	7.3	17
28	Herpes simplex encephalitis is linked with selective mitochondrial damage; a post-mortem and in vitro study. *Acta Neuropathologica*, **2016**, 132, 433-51	14.3	15
27	Construction and characterization of bacterial artificial chromosomes (BACs) containing herpes simplex virus full-length genomes. *Methods in Molecular Biology*, **2014**, 1144, 43-62	1.4	14
26	Disturbed gut microbiota and bile homeostasis in -infected mice contributes to metabolic dysregulation and growth impairment. *Science Translational Medicine*, **2020**, 12,	17.5	12
25	HVint: A Strategy for Identifying Novel Protein-Protein Interactions in Herpes Simplex Virus Type 1. *Molecular and Cellular Proteomics*, **2016**, 15, 2939-53	7.6	12
24	Recombinant herpes simplex virus type 1 strains with targeted mutations relevant for aciclovir susceptibility. *Scientific Reports*, **2016**, 6, 29903	4.9	12
23	Varicella zoster virus glycoprotein C increases chemokine-mediated leukocyte migration. *PLoS Pathogens*, **2017**, 13, e1006346	7.6	11
22	Pseudotype-independent nonspecific uptake of gammaretroviral and lentiviral particles in human cells. *Human Gene Therapy*, **2012**, 23, 274-86	4.8	11
21	In vitro reconstitution of an intermediate assembly stage of vaccinia virus. *Virology*, **1997**, 235, 218-27	3.6	11
20	Targeting of viral capsids to nuclear pores in a cell-free reconstitution system. *Traffic*, **2014**, 15, 1266-81	5.7	10
19	Quantitative Microscopy Reveals Stepwise Alteration of Chromatin Structure during Herpesvirus Infection. *Viruses*, **2019**, 11,	6.2	10
18	Herpes Simplex Virus Type 1 Propagation, Titration and Single-step Growth Curves. *Bio-protocol*, **2019**, 9, e3441	0.9	9
17	Absence of cGAS-mediated type I IFN responses in HIV-1-infected T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 19475-19486	11.5	9
16	RNase 7 Promotes Sensing of Self-DNA by Human Keratinocytes and Activates an Antiviral Immune Response. *Journal of Investigative Dermatology*, **2020**, 140, 1589-1598.e3	4.3	8

15	HSV-1 triggers paracrine fibroblast growth factor response from cortical brain cells via immediate-early protein ICP0. *Journal of Neuroinflammation*, **2019**, 16, 248	10.1	7
14	A screening assay for the identification of host cell requirements and antiviral targets for hepatitis D virus infection. *Antiviral Research*, **2017**, 141, 116-123	10.8	6
13	Characterization of the Filovirus-Resistant Cell Line SH-SY5Y Reveals Redundant Role of Cell Surface Entry Factors. *Viruses*, **2019**, 11,	6.2	6
12	The M25 gene products are critical for the cytopathic effect of mouse cytomegalovirus. *Scientific Reports*, **2017**, 7, 15588	4.9	6
11	The Proteome and Secretome of Cortical Brain Cells Infected With Herpes Simplex Virus. *Frontiers in Neurology*, **2020**, 11, 844	4.1	5
10	A precipitation-based assay to analyze interactions of viral particles with cytosolic host factors. *Methods in Molecular Biology*, **2014**, 1144, 191-208	1.4	4
9	Entry of Herpes Simplex Virus 1 into Epidermis and Dermal Fibroblasts Is Independent of the Scavenger Receptor MARCO. *Journal of Virology*, **2018**, 92,	6.6	4
8	Herpes Simplex Virus 2 Counteracts Neurite Outgrowth Repulsion during Infection in a Nerve Growth Factor-Dependent Manner. *Journal of Virology*, **2020**, 94,	6.6	3
7	Human IFITM3 restricts chikungunya virus and Mayaro virus infection and is susceptible to virus-mediated counteraction. *Life Science Alliance*, **2021**, 4,	5.8	3
6	Assembly of infectious Kaposi's sarcoma-associated herpesvirus progeny requires formation of a pORF19 pentamer. *PLoS Biology*, **2021**, 19, e3001423	9.7	1
5	Free human DNA attenuates the activity of antimicrobial peptides in atopic dermatitis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**, 76, 3145-3154	9.3	1
4	The journey of herpesvirus capsids and genomes to the host cell nucleus. *Current Opinion in Virology*, **2021**, 50, 147-158	7.5	0
3	Infection-induced chromatin modifications facilitate translocation of herpes simplex virus capsids to the inner nuclear membrane.. *PLoS Pathogens*, **2021**, 17, e1010132	7.6	0
2	Role of the intermediate comartment between the rough ER and Golgi in the biogenesis of vassinia virus. *Micron and Microscopica Acta*, **1991**, 22, 87-88		
1	Sequestration of microinjected molecular probes from the cytoplasm of Amoeba proteus. *European Journal of Protistology*, **1989**, 25, 75-84	3.6	