David A Leib

List of Publications by Year
in descending order

62 papers	13,485 citations	117625 34 h-index	123424 61 g-index
130 all docs	130 docs citations	130 times ranked	24197 citing authors

#	Article	IF	Citations
1	Herpes Simplex Virus-2 Variation Contributes to Neurovirulence During Neonatal Infection. Journal of Infectious Diseases, 2022, 226, 1499-1509.	4.0	2
2	Herpes Simplex Virus 1 ICP34.5 Alters Mitochondrial Dynamics in Neurons. Journal of Virology, 2020, 94, .	3.4	8
3	Hinge length contributes to the phagocytic activity of HIV-specific IgG1 and IgG3 antibodies. PLoS Pathogens, 2020, 16, e1008083.	4.7	50
4	Trivalent Glycoprotein Subunit Vaccine Prevents Neonatal Herpes Simplex Virus Mortality and Morbidity. Journal of Virology, 2020, 94, .	3.4	21
5	The ESCRT-Related ATPase Vps4 Is Modulated by Interferon during Herpes Simplex Virus 1 Infection. MBio, 2019, 10, .	4.1	7
6	Maternal immunization confers protection against neonatal herpes simplex mortality and behavioral morbidity. Science Translational Medicine, 2019, 11, .	12.4	39
7	The STING agonist 5,6-dimethylxanthenone-4-acetic acid (DMXAA) stimulates an antiviral state and protects mice against herpes simplex virus-induced neurological disease. Virology, 2019, 529, 23-28.	2.4	22
8	Neuronal Subtype Determines Herpes Simplex Virus 1 Latency-Associated-Transcript Promoter Activity during Latency. Journal of Virology, 2018, 92, .	3.4	18
9	Isolation, Purification, and Culture of Primary Murine Sensory Neurons. Methods in Molecular Biology, 2017, 1656, 229-251.	0.9	33
10	Role of Herpes Simplex Virus 1 Î³34.5 in the Regulation of IRF3 Signaling. Journal of Virology, 2017, 91, .	3.4	40
11	Maternal Antiviral Immunoglobulin Accumulates in Neural Tissue of Neonates To Prevent HSV Neurological Disease. MBio, 2017, 8, .	4.1	27
12	Intrinsic and Innate Defenses of Neurons: DÃ©tente with the Herpesviruses. Journal of Virology, 2017, 91, .	3.4	21
13	Preventing neonatal herpes infections through maternal immunization. Future Virology, 2017, 12, 709-711.	1.8	3
14	Neuronal IFN signaling is dispensable for the establishment of HSV-1 latency. Virology, 2016, 497, 323-327.	2.4	15
15	Immune- and Nonimmune-Compartment-Specific Interferon Responses Are Critical Determinants of Herpes Simplex Virus-Induced Generalized Infections and Acute Liver Failure. Journal of Virology, 2016, 90, 10789-10799.	3.4	13
16	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
17	Herpes Simplex Virus and Interferon Signaling Induce Novel Autophagic Clusters in Sensory Neurons. Journal of Virology, 2016, 90, 4706-4719.	3.4	40
18	Dendritic Cell Autophagy Contributes to Herpes Simplex Virus-Driven Stromal Keratitis and Immunopathology. MBio, 2015, 6, e01426-15.	4.1	41

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19	Neurons versus herpes simplex virus: the innate immune interactions that contribute to a hostâ€“pathogen standoff. Future Virology, 2015, 10, 699-714.	1.8	18
20	Role of the DNA Sensor STING in Protection from Lethal Infection following Corneal and Intracerebral Challenge with Herpes Simplex Virus 1. Journal of Virology, 2015, 89, 11080-11091.	3.4	65
21	Neuronal Interferon Signaling Is Required for Protection against Herpes Simplex Virus Replication and Pathogenesis. PLoS Pathogens, 2015, 11, e1005028.	4.7	67
22	1679Interactions of the Herpes Simplex Virus Î³34.5 Protein With Host Signaling Pathways Influence Central Nervous System Disease in Newborn Mice. Open Forum Infectious Diseases, 2014, 1, S448-S448.	0.9	0
23	Intrinsic Innate Immunity Fails To Control Herpes Simplex Virus and Vesicular Stomatitis Virus Replication in Sensory Neurons and Fibroblasts. Journal of Virology, 2014, 88, 9991-10001.	3.4	24
24	The differential interferon responses of two strains of Stat1-deficient mice do not alter susceptibility to HSV-1 and VSV in vivo. Virology, 2014, 450-451, 350-354.	2.4	6
25	A Neuron-Specific Host MicroRNA Targets Herpes Simplex Virus-1 ICP0 Expression and Promotes Latency. Cell Host and Microbe, 2014, 15, 446-456.	11.0	129
26	Synergistic control of herpes simplex virus pathogenesis by IRF-3, and IRF-7 revealed through non-invasive bioluminescence imaging. Virology, 2013, 444, 71-79.	2.4	42
27	Corneal Replication Is an Interferon Response-Independent Bottleneck for Virulence of Herpes Simplex Virus 1 in the Absence of Virion Host Shutoff. Journal of Virology, 2012, 86, 7692-7695.	3.4	9
28	Herpes Simplex Virus Î³34.5 Interferes with Autophagosome Maturation and Antigen Presentation in Dendritic Cells. MBio, 2012, 3, e00267-12.	4.1	70
29	A Neuron-Specific Role for Autophagy in Antiviral Defense against Herpes Simplex Virus. Cell Host and Microbe, 2012, 12, 334-345.	11.0	136
30	Herpes Simplex Virus Encephalitis: Toll-Free Access to the Brain. Cell Host and Microbe, 2012, 12, 731-732.	11.0	9
31	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
32	Functional Genomics Reveals an Essential and Specific Role for Stat1 in Protection of the Central Nervous System following Herpes Simplex Virus Corneal Infection. Journal of Virology, 2011, 85, 12972-12981.	3.4	28
33	Bioluminescent Imaging Reveals Divergent Viral Pathogenesis in Two Strains of Stat1-Deficient Mice, and in Î±ÃŸÎ³ Interferon Receptor-Deficient Mice. PLoS ONE, 2011, 6, e24018.	2.5	25
34	Interferon Regulatory Factor 3-Dependent Pathways Are Critical for Control of Herpes Simplex Virus Type 1 Central Nervous System Infection. Journal of Virology, 2010, 84, 9685-9694.	3.4	42
35	Interaction of ICP34.5 with Beclin 1 Modulates Herpes Simplex Virus Type 1 Pathogenesis through Control of CD4⁺T-Cell Responses. Journal of Virology, 2009, 83, 12164-12171.	3.4	128
36	Control of Herpes Simplex Virus Replication Is Mediated through an Interferon Regulatory Factor 3-Dependent Pathway. Journal of Virology, 2009, 83, 12399-12406.	3.4	19

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37	Host Responses to Wild-Type and Attenuated Herpes Simplex Virus Infection in the Absence of Stat1. Journal of Virology, 2009, 83, 2075-2087.	3.4	35
38	Autophagy enhances the presentation of endogenous viral antigens on MHC class I molecules during HSV-1 infection. Nature Immunology, 2009, 10, 480-487.	14.5	404
39	Enhanced Pathogenesis of an Attenuated Herpes Simplex Virus for Mice Lacking Stat1. Journal of Virology, 2008, 82, 6052-6055.	3.4	28
40	Xenophagy in herpes simplex virus replication and pathogenesis. Autophagy, 2008, 4, 101-103.	9.1	49
41	IFN-stimulated gene 15 functions as a critical antiviral molecule against influenza, herpes, and Sindbis viruses. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1371-1376.	7.1	469
42	Analysis of the Role of Autophagy in Replication of Herpes Simplex Virus in Cell Culture. Journal of Virology, 2007, 81, 12128-12134.	3.4	141
43	HSV-1 ICP34.5 Confers Neurovirulence by Targeting the Beclin 1 Autophagy Protein. Cell Host and Microbe, 2007, 1, 23-35.	11.0	733
44	Construction and characterization of bacterial artificial chromosomes containing HSV-1 strains 17 and KOS. Journal of Virological Methods, 2006, 135, 197-206.	2.1	132
45	Functional Genomic Analysis of Herpes Simplex Virus Type 1 Counteraction of the Host Innate Response. Journal of Virology, 2006, 80, 7600-7612.	3.4	56
46	Luciferase Real-Time Bioluminescence Imaging for the Study of Viral Pathogenesis. , 2005, 292, 285-296.		21
47	The Virion Host Shutoff Protein of Herpes Simplex Virus Type 1 Has RNA Degradation Activity in Primary Neurons. Journal of Virology, 2004, 78, 8400-8403.	3.4	12
48	Role of the VP16-Binding Domain of vhs in Viral Growth, Host Shutoff Activity, and Pathogenesis. Journal of Virology, 2004, 78, 13562-13572.	3.4	28
49	CD8+ T cells control corneal disease following ocular infection with herpes simplex virus type 1. Journal of General Virology, 2004, 85, 2055-2063.	2.9	43
50	Herpes simplex virus type 1 activates murine natural interferon-producing cells through toll-like receptor 9. Blood, 2004, 103, 1433-1437.	1.4	606
51	Bioluminescence Imaging Reveals Systemic Dissemination of Herpes Simplex Virus Type 1 in the Absence of Interferon Receptors. Journal of Virology, 2003, 77, 11082-11093.	3.4	112
52	RNase L activity does not contribute to host RNA degradation induced by herpes simplex virus infection. Journal of General Virology, 2003, 84, 925-928.	2.9	9
53	The Cyclin-Dependent Kinase Inhibitor Roscovitine Inhibits the Transactivating Activity and Alters the Posttranslational Modification of Herpes Simplex Virus Type 1 ICP0. Journal of Virology, 2002, 76, 1077-1088.	3.4	52
54	Herpes Simplex Virus Type 1 Origins of DNA Replication Play No Role in the Regulation of Flanking Promoters. Journal of Virology, 2002, 76, 7020-7029.	3.4	46

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55	Regulation of starvation- and virus-induced autophagy by the eIF2Â kinase signaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 190-195.	7.1	706
56	Noninvasive Bioluminescence Imaging of Herpes Simplex Virus Type 1 Infection and Therapy in Living Mice. Journal of Virology, 2002, 76, 12149-12161.	3.4	174
57	Therapeutic vaccination with vhsâ^' herpes simplex virus reduces the severity of recurrent herpetic stromal keratitis in mice. Journal of General Virology, 2002, 83, 2361-2365.	2.9	28
58	A Herpes Simplex Virus Type 1 Î³34.5 Second-Site Suppressor Mutant That Exhibits Enhanced Growth in Cultured Glioblastoma Cells Is Severely Attenuated in Animals. Journal of Virology, 2001, 75, 5189-5196.	3.4	89
59	Herpes Simplex Virus Type 1 Corneal Infection Results in Periocular Disease by Zosteriform Spread. Journal of Virology, 2001, 75, 5069-5075.	3.4	55
60	Herpes Simplex Virus Virion Host Shutoff (vhs) Activity Alters Periocular Disease in Mice. Journal of Virology, 2000, 74, 3598-3604.	3.4	51
61	Interferons Regulate the Phenotype of â€‰Wild-type and Mutant Herpes Simplex Viruses In Vivo. Journal of Experimental Medicine, 1999, 189, 663-672.	8.5	308
62	Gene delivery to neurons: Is herpes simplex virus the right tool for the job?. BioEssays, 1993, 15, 547-554.	2.5	54