

David A Leib

List of Publications by Year in descending order

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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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	HSV-1 ICP34.5 Confers Neurovirulence by Targeting the Beclin 1 Autophagy Protein. <i>Cell Host and Microbe</i> , 2007, 1, 23-35.	11.0	733
4	Regulation of starvation- and virus-induced autophagy by the eIF2 α kinase signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 190-195.	7.1	706
5	Herpes simplex virus type 1 activates murine natural interferon-producing cells through toll-like receptor 9. <i>Blood</i> , 2004, 103, 1433-1437.	1.4	606
6	IFN-stimulated gene 15 functions as a critical antiviral molecule against influenza, herpes, and Sindbis viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1371-1376.	7.1	469
7	Autophagy enhances the presentation of endogenous viral antigens on MHC class I molecules during HSV-1 infection. <i>Nature Immunology</i> , 2009, 10, 480-487.	14.5	404
8	Interferons Regulate the Phenotype of α Wild-type and Mutant Herpes Simplex Viruses In Vivo. <i>Journal of Experimental Medicine</i> , 1999, 189, 663-672.	8.5	308
9	Noninvasive Bioluminescence Imaging of Herpes Simplex Virus Type 1 Infection and Therapy in Living Mice. <i>Journal of Virology</i> , 2002, 76, 12149-12161.	3.4	174
10	Analysis of the Role of Autophagy in Replication of Herpes Simplex Virus in Cell Culture. <i>Journal of Virology</i> , 2007, 81, 12128-12134.	3.4	141
11	A Neuron-Specific Role for Autophagy in Antiviral Defense against Herpes Simplex Virus. <i>Cell Host and Microbe</i> , 2012, 12, 334-345.	11.0	136
12	Construction and characterization of bacterial artificial chromosomes containing HSV-1 strains 17 and KOS. <i>Journal of Virological Methods</i> , 2006, 135, 197-206.	2.1	132
13	A Neuron-Specific Host MicroRNA Targets Herpes Simplex Virus-1 ICP0 Expression and Promotes Latency. <i>Cell Host and Microbe</i> , 2014, 15, 446-456.	11.0	129
14	Interaction of ICP34.5 with Beclin 1 Modulates Herpes Simplex Virus Type 1 Pathogenesis through Control of CD4 ⁺ T-Cell Responses. <i>Journal of Virology</i> , 2009, 83, 12164-12171.	3.4	128
15	Bioluminescence Imaging Reveals Systemic Dissemination of Herpes Simplex Virus Type 1 in the Absence of Interferon Receptors. <i>Journal of Virology</i> , 2003, 77, 11082-11093.	3.4	112
16	A Herpes Simplex Virus Type 1 β 34.5 Second-Site Suppressor Mutant That Exhibits Enhanced Growth in Cultured Glioblastoma Cells Is Severely Attenuated in Animals. <i>Journal of Virology</i> , 2001, 75, 5189-5196.	3.4	89
17	Herpes Simplex Virus β 34.5 Interferes with Autophagosome Maturation and Antigen Presentation in Dendritic Cells. <i>MBio</i> , 2012, 3, e00267-12.	4.1	70
18	Neuronal Interferon Signaling Is Required for Protection against Herpes Simplex Virus Replication and Pathogenesis. <i>PLoS Pathogens</i> , 2015, 11, e1005028.	4.7	67

#	ARTICLE	IF	CITATIONS
19	Role of the DNA Sensor STING in Protection from Lethal Infection following Corneal and Intracerebral Challenge with Herpes Simplex Virus 1. <i>Journal of Virology</i> , 2015, 89, 11080-11091.	3.4	65
20	Functional Genomic Analysis of Herpes Simplex Virus Type 1 Counteraction of the Host Innate Response. <i>Journal of Virology</i> , 2006, 80, 7600-7612.	3.4	56
21	Herpes Simplex Virus Type 1 Corneal Infection Results in Periocular Disease by Zosteriform Spread. <i>Journal of Virology</i> , 2001, 75, 5069-5075.	3.4	55
22	Gene delivery to neurons: Is herpes simplex virus the right tool for the job?. <i>BioEssays</i> , 1993, 15, 547-554.	2.5	54
23	The Cyclin-Dependent Kinase Inhibitor Roscovitine Inhibits the Transactivating Activity and Alters the Posttranslational Modification of Herpes Simplex Virus Type 1 ICPO. <i>Journal of Virology</i> , 2002, 76, 1077-1088.	3.4	52
24	Herpes Simplex Virus Virion Host Shutoff (vhs) Activity Alters Periocular Disease in Mice. <i>Journal of Virology</i> , 2000, 74, 3598-3604.	3.4	51
25	Hinge length contributes to the phagocytic activity of HIV-specific IgG1 and IgG3 antibodies. <i>PLoS Pathogens</i> , 2020, 16, e1008083.	4.7	50
26	Xenophagy in herpes simplex virus replication and pathogenesis. <i>Autophagy</i> , 2008, 4, 101-103.	9.1	49
27	Herpes Simplex Virus Type 1 Origins of DNA Replication Play No Role in the Regulation of Flanking Promoters. <i>Journal of Virology</i> , 2002, 76, 7020-7029.	3.4	46
28	CD8+ T cells control corneal disease following ocular infection with herpes simplex virus type 1. <i>Journal of General Virology</i> , 2004, 85, 2055-2063.	2.9	43
29	Interferon Regulatory Factor 3-Dependent Pathways Are Critical for Control of Herpes Simplex Virus Type 1 Central Nervous System Infection. <i>Journal of Virology</i> , 2010, 84, 9685-9694.	3.4	42
30	Synergistic control of herpes simplex virus pathogenesis by IRF-3, and IRF-7 revealed through non-invasive bioluminescence imaging. <i>Virology</i> , 2013, 444, 71-79.	2.4	42
31	Dendritic Cell Autophagy Contributes to Herpes Simplex Virus-Driven Stromal Keratitis and Immunopathology. <i>MBio</i> , 2015, 6, e01426-15.	4.1	41
32	Herpes Simplex Virus and Interferon Signaling Induce Novel Autophagic Clusters in Sensory Neurons. <i>Journal of Virology</i> , 2016, 90, 4706-4719.	3.4	40
33	Role of Herpes Simplex Virus 1 $\hat{I}^34.5$ in the Regulation of IRF3 Signaling. <i>Journal of Virology</i> , 2017, 91, .	3.4	40
34	Maternal immunization confers protection against neonatal herpes simplex mortality and behavioral morbidity. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	39
35	Host Responses to Wild-Type and Attenuated Herpes Simplex Virus Infection in the Absence of Stat1. <i>Journal of Virology</i> , 2009, 83, 2075-2087.	3.4	35
36	Isolation, Purification, and Culture of Primary Murine Sensory Neurons. <i>Methods in Molecular Biology</i> , 2017, 1656, 229-251.	0.9	33

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37	Role of the VP16-Binding Domain of vhs in Viral Growth, Host Shutoff Activity, and Pathogenesis. <i>Journal of Virology</i> , 2004, 78, 13562-13572.	3.4	28
38	Enhanced Pathogenesis of an Attenuated Herpes Simplex Virus for Mice Lacking Stat1. <i>Journal of Virology</i> , 2008, 82, 6052-6055.	3.4	28
39	Functional Genomics Reveals an Essential and Specific Role for Stat1 in Protection of the Central Nervous System following Herpes Simplex Virus Corneal Infection. <i>Journal of Virology</i> , 2011, 85, 12972-12981.	3.4	28
40	Therapeutic vaccination with vhs ^Δ herpes simplex virus reduces the severity of recurrent herpetic stromal keratitis in mice. <i>Journal of General Virology</i> , 2002, 83, 2361-2365.	2.9	28
41	Maternal Antiviral Immunoglobulin Accumulates in Neural Tissue of Neonates To Prevent HSV Neurological Disease. <i>MBio</i> , 2017, 8, .	4.1	27
42	Bioluminescent Imaging Reveals Divergent Viral Pathogenesis in Two Strains of Stat1-Deficient Mice, and in β 2-Microglobulin Interferon Receptor-Deficient Mice. <i>PLoS ONE</i> , 2011, 6, e24018.	2.5	25
43	Intrinsic Innate Immunity Fails To Control Herpes Simplex Virus and Vesicular Stomatitis Virus Replication in Sensory Neurons and Fibroblasts. <i>Journal of Virology</i> , 2014, 88, 9991-10001.	3.4	24
44	The STING agonist 5,6-dimethylxanthenone-4-acetic acid (DMXAA) stimulates an antiviral state and protects mice against herpes simplex virus-induced neurological disease. <i>Virology</i> , 2019, 529, 23-28.	2.4	22
45	Luciferase Real-Time Bioluminescence Imaging for the Study of Viral Pathogenesis. , 2005, 292, 285-296.		21
46	Intrinsic and Innate Defenses of Neurons: D α ntente with the Herpesviruses. <i>Journal of Virology</i> , 2017, 91, .	3.4	21
47	Trivalent Glycoprotein Subunit Vaccine Prevents Neonatal Herpes Simplex Virus Mortality and Morbidity. <i>Journal of Virology</i> , 2020, 94, .	3.4	21
48	Control of Herpes Simplex Virus Replication Is Mediated through an Interferon Regulatory Factor 3-Dependent Pathway. <i>Journal of Virology</i> , 2009, 83, 12399-12406.	3.4	19
49	Neurons versus herpes simplex virus: the innate immune interactions that contribute to a host α €pathogen standoff. <i>Future Virology</i> , 2015, 10, 699-714.	1.8	18
50	Neuronal Subtype Determines Herpes Simplex Virus 1 Latency-Associated-Transcript Promoter Activity during Latency. <i>Journal of Virology</i> , 2018, 92, .	3.4	18
51	Neuronal IFN signaling is dispensable for the establishment of HSV-1 latency. <i>Virology</i> , 2016, 497, 323-327.	2.4	15
52	Immune- and Nonimmune-Compartment-Specific Interferon Responses Are Critical Determinants of Herpes Simplex Virus-Induced Generalized Infections and Acute Liver Failure. <i>Journal of Virology</i> , 2016, 90, 10789-10799.	3.4	13
53	The Virion Host Shutoff Protein of Herpes Simplex Virus Type 1 Has RNA Degradation Activity in Primary Neurons. <i>Journal of Virology</i> , 2004, 78, 8400-8403.	3.4	12
54	RNase L activity does not contribute to host RNA degradation induced by herpes simplex virus infection. <i>Journal of General Virology</i> , 2003, 84, 925-928.	2.9	9

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55	Corneal Replication Is an Interferon Response-Independent Bottleneck for Virulence of Herpes Simplex Virus 1 in the Absence of Virion Host Shutoff. <i>Journal of Virology</i> , 2012, 86, 7692-7695.	3.4	9
56	Herpes Simplex Virus Encephalitis: Toll-Free Access to the Brain. <i>Cell Host and Microbe</i> , 2012, 12, 731-732.	11.0	9
57	Herpes Simplex Virus 1 ICP34.5 Alters Mitochondrial Dynamics in Neurons. <i>Journal of Virology</i> , 2020, 94, .	3.4	8
58	The ESCRT-Related ATPase Vps4 Is Modulated by Interferon during Herpes Simplex Virus 1 Infection. <i>MBio</i> , 2019, 10, .	4.1	7
59	The differential interferon responses of two strains of Stat1-deficient mice do not alter susceptibility to HSV-1 and VSV in vivo. <i>Virology</i> , 2014, 450-451, 350-354.	2.4	6
60	Preventing neonatal herpes infections through maternal immunization. <i>Future Virology</i> , 2017, 12, 709-711.	1.8	3
61	Herpes Simplex Virus-2 Variation Contributes to Neurovirulence During Neonatal Infection. <i>Journal of Infectious Diseases</i> , 2022, 226, 1499-1509.	4.0	2
62	1679 Interactions of the Herpes Simplex Virus γ 34.5 Protein With Host Signaling Pathways Influence Central Nervous System Disease in Newborn Mice. <i>Open Forum Infectious Diseases</i> , 2014, 1, S448-S448.	0.9	0