Steven L Wechsler

List of Publications by Year
in descending order

56 papers	2,739 citations	159585 30 h-index	182427 51 g-index
56 all docs	56 docs citations	56 times ranked	1437 citing authors

#	Article	IF	Citations
1	Virus-Induced Neuronal Apoptosis Blocked by the Herpes Simplex Virus Latency-Associated Transcript. Science, 2000, 287, 1500-1503.	12.6	419
2	Lipopeptide vaccinesâ€"yesterday, today, and tomorrow. Lancet Infectious Diseases, The, 2002, 2, 425-431.	9.1	174
3	The Role of LAT in Increased CD8 ⁺ T Cell Exhaustion in Trigeminal Ganglia of Mice Latently Infected with Herpes Simplex Virus 1. Journal of Virology, 2011, 85, 4184-4197.	3.4	103
4	A Gene Capable of Blocking Apoptosis Can Substitute for the Herpes Simplex Virus Type 1 Latency-Associated Transcript Gene and Restore Wild-Type Reactivation Levels. Journal of Virology, 2002, 76, 1224-1235.	3.4	96
5	HLA-A*0201-Restricted CD8+ Cytotoxic T Lymphocyte Epitopes Identified from Herpes Simplex Virus Glycoprotein D. Journal of Immunology, 2008, 180, 426-437.	0.8	84
6	Identification of Novel Immunodominant CD4 + Th1-Type T-Cell Peptide Epitopes from Herpes Simplex Virus Glycoprotein D That Confer Protective Immunity. Journal of Virology, 2003, 77, 9463-9473.	3.4	81
7	Level of Herpes Simplex Virus Type 1 Latency Correlates with Severity of Corneal Scarring and Exhaustion of CD8⁺T Cells in Trigeminal Ganglia of Latently Infected Mice. Journal of Virology, 2009, 83, 2246-2254.	3.4	79
8	Identification of Herpes Simplex Virus Type 1 Latency-Associated Transcript Sequences That both Inhibit Apoptosis and Enhance the Spontaneous Reactivation Phenotype. Journal of Virology, 2003, 77, 6556-6561.	3.4	71
9	The Herpes Simplex Virus Type 1 Latency-Associated Transcript Can Protect Neuron-Derived C1300 and Neuro2A Cells from Granzyme B-Induced Apoptosis and CD8 T-Cell Killing. Journal of Virology, 2011, 85, 2325-2332.	3.4	71
10	A Novel HLA (HLA-A*0201) Transgenic Rabbit Model for Preclinical Evaluation of Human CD8+T Cell Epitope-Based Vaccines against Ocular Herpes. Journal of Immunology, 2010, 184, 2561-2571.	0.8	67
11	The Herpes Simplex Virus 1 Latency-Associated Transcript Promotes Functional Exhaustion of Virus-Specific CD8 ⁺ T Cells in Latently Infected Trigeminal Ganglia: a Novel Immune Evasion Mechanism. Journal of Virology, 2011, 85, 9127-9138.	3.4	66
12	New concepts in herpes simplex virus vaccine development: notes from the battlefield. Expert Review of Vaccines, 2009, 8, 1023-1035.	4.4	59
13	A Herpes Simplex Virus Type 1 Latency-Associated Transcript Mutant with Increased Virulence and Reduced Spontaneous Reactivation. Journal of Virology, 1999, 73, 920-929.	3.4	54
14	Expression of herpes simplex virus type 1 glycoprotein B in insect cells. Virus Research, 1992, 22, 25-39.	2.2	53
15	Nasolacrimal Duct Closure Modulates Ocular Mucosal and Systemic CD4⁺T-Cell Responses Induced following Topical Ocular or Intranasal Immunization. Vaccine Journal, 2010, 17, 342-353.	3.1	49
16	Asymptomatic HLA-A*02:01â€"Restricted Epitopes from Herpes Simplex Virus Glycoprotein B Preferentially Recall Polyfunctional CD8+ T Cells from Seropositive Asymptomatic Individuals and Protect HLA Transgenic Mice against Ocular Herpes. Journal of Immunology, 2013, 191, 5124-5138.	0.8	48
17	The bovine herpesvirus-1 LR ORF2 is critical for this gene's ability to restore the high wild-type reactivation phenotype to a herpes simplex virus-1 LAT null mutant. Journal of General Virology, 2003, 84, 2975-2985.	2.9	46
18	Local Periocular Vaccination Protects against Eye Disease More Effectively Than Systemic Vaccination following Primary Ocular Herpes Simplex Virus Infection in Rabbits. Journal of Virology, 1998, 72, 7715-7721.	3.4	45

#	Article	IF	Citations
19	The Locus Encompassing the Latency-Associated Transcript of Herpes Simplex Virus Type 1 Interferes with and Delays Interferon Expression in Productively Infected Neuroblastoma Cells and Trigeminal Ganglia of Acutely Infected Mice. Journal of Virology, 2005, 79, 6162-6171.	3.4	44
20	The Role of a Glycoprotein K (gK) CD8⁺T-Cell Epitope of Herpes Simplex Virus on Virus Replication and Pathogenicity. , 2009, 50, 2903.		44
21	Functional Foxp3 + CD4 + CD25 (Bright+) â€œNaturalâ€•Regulatory T Cells Are Abundant in Rabbit Conjunctiva and Suppress Virus-Specific CD4 + and CD8 + Effector T Cells during Ocular Herpes Infection. Journal of Virology, 2007, 81, 7647-7661.	3.4	41
22	Protective Immunity against Ocular Herpes Infection and Disease Induced by Highly Immunogenic Self-Adjuvanting Glycoprotein D Lipopeptide Vaccines. , 2007, 48, 4643.		39
23	Therapeutic Periocular Vaccination with a Subunit Vaccine Induces Higher Levels of Herpes Simplex Virus-Specific Tear Secretory Immunoglobulin A Than Systemic Vaccination and Provides Protection against Recurrent Spontaneous Ocular Shedding of Virus in Latently Infected Rabbits. Virology, 1998, 252, 200-209.	2.4	38
24	Identification of two small RNAs within the first 1.5-kb of the herpes simplex virus type 1â€“encoded latency-associated transcript. Journal of NeuroVirology, 2008, 14, 41-52.	2.1	38
25	The Herpes Simplex Virus Type 1 Latency-Associated Transcript Inhibits Phenotypic and Functional Maturation of Dendritic Cells. Viral Immunology, 2012, 25, 120418065353009.	1.3	38
26	HLA-A02:01â€“Restricted Epitopes Identified from the Herpes Simplex Virus Tegument Protein VP11/12 Preferentially Recall Polyfunctional Effector Memory CD8+T Cells from Seropositive Asymptomatic Individuals and Protect Humanized HLA-A*02:01 Transgenic Mice against Ocular Herpes. Journal of Immunology, 2015, 194, 2232-2248.	0.8	38
27	Topical/Mucosal Delivery of Sub-Unit Vaccines That Stimulate the Ocular Mucosal Immune System. Ocular Surface, 2006, 4, 178-187.	4.4	37
28	Developing an asymptomatic mucosal herpes vaccine: the present and the future. Future Microbiology, 2010, 5, 1-4.	2.0	37
29	Phenotypic and Functional Characterization of Herpes Simplex Virus Glycoprotein B Epitope-Specific Effector and Memory CD8⁺T Cells from Symptomatic and Asymptomatic Individuals with Ocular Herpes. Journal of Virology, 2015, 89, 3776-3792.	3.4	37
30	Lymphoid-Related CD11c⁺CD8Î±⁺Dendritic Cells Are Involved in Enhancing Herpes Simplex Virus Type 1 Latency. Journal of Virology, 2008, 82, 9870-9879.	3.4	36
31	Interactions between Herpesvirus Entry Mediator (TNFRSF14) and Latency-Associated Transcript during Herpes Simplex Virus 1 Latency. Journal of Virology, 2014, 88, 1961-1971.	3.4	36
32	The effect of latency-associated transcript on the herpes simplex virus type 1 latency-reactivation phenotype is mouse strain-dependent. Journal of General Virology, 2001, 82, 1117-1122.	2.9	34
33	The Herpes Simplex Virus Latency-Associated Transcript Gene Is Associated with a Broader Repertoire of Virus-Specific Exhausted CD8 ⁺ T Cells Retained within the Trigeminal Ganglia of Latently Infected HLA Transgenic Rabbits. Journal of Virology, 2016, 90, 3913-3928.	3.4	32
34	Decreased reactivation of a herpes simplex virus type 1 (HSV-1) latency-associated transcript (LAT) mutant using the in vivo mouse UV-B model of induced reactivation. Journal of NeuroVirology, 2015, 21, 508-517.	2.1	30
35	Prior Corneal Scarification and Injection of Immune Serum are Not Required Before Ocular HSV-1 Infection for UV-B-Induced Virus Reactivation and Recurrent Herpetic Corneal Disease in Latently Infected Mice. Current Eye Research, 2016, 41, 747-756.	1.5	30
36	Therapeutic Immunization with a Mixture of Herpes Simplex Virus 1 Glycoprotein D-Derived â€œAsymptomaticâ€•Human CD8 ⁺ T-Cell Epitopes Decreases Spontaneous Ocular Shedding in Latently Infected HLA Transgenic Rabbits: Association with Low Frequency of Local PD-1 ⁺ TIM-3 ⁺ CD8 ⁺ Exhausted T Cells. Journal of Virology, 2015, 89, 6619-6632.	3.4	29

#	Article	IF	Citations
37	Vaccination with different HSV-1 glycoproteins induces different patterns of ocular cytokine responses following HSV-1 challenge of vaccinated mice. Vaccine, 1999, 17, 2576-2582.	3.8	28
38	A Herpes Simplex Virus Type 1 Human Asymptomatic CD8+T-Cell Epitopes-Based Vaccine Protects Against Ocular Herpes in a â€œHumanizedâ€•HLA Transgenic Rabbit Model. , 2015, 56, 4013.		27
39	MHC-II but not MHC-I responses are required for vaccine-induced protection against ocular challenge with HSV-1. Current Eye Research, 1997, 16, 1152-1158.	1.5	26
40	Either a CD4+or CD8+T cell function is sufficient for clearance of infectious virus from trigeminal ganglia and establishment of herpes simplex virus type 1 latency in mice. Microbial Pathogenesis, 1999, 27, 387-394.	2.9	26
41	Overexpression of Interleukin-2 by a Recombinant Herpes Simplex Virus Type 1 Attenuates Pathogenicity and Enhances Antiviral Immunity. Journal of Virology, 2002, 76, 9069-9078.	3.4	26
42	Herpes simplex virus type 1 mutants containing the KOS strain ICP34.5 gene in place of the McKrae ICP34.5 gene have McKrae-like spontaneous reactivation but non-McKrae-like virulence. Journal of General Virology, 2002, 83, 2933-2942.	2.9	26
43	Reactivation phenotype in rabbits of a herpes simplex virus type 1 mutant containing an unrelated antiapoptosis gene in place of latency-associated transcript. Journal of NeuroVirology, 2007, 13, 78-84.	2.1	25
44	Increased neurovirulence and reactivation of the herpes simplex virus type 1 latency-associated transcript (LAT)-negative mutant dLAT2903 with a disrupted LAT miR-H2. Journal of NeuroVirology, 2016, 22, 38-49.	2.1	25
45	CD8Î± Dendritic Cells Drive Establishment of HSV-1 Latency. PLoS ONE, 2014, 9, e93444.	2.5	25
46	An improved method for cloning portions of the repeat regions of herpes simplex virus type 1. Journal of Virological Methods, 1994, 46, 111-116.	2.1	24
47	Inclusion of CD80 in HSV Targets the Recombinant Virus to PD-L1 on DCs and Allows Productive Infection and Robust Immune Responses. PLoS ONE, 2014, 9, e87617.	2.5	23
48	The herpes simplex virus type 1 (HSV-1) latency-associated transcript (LAT) protects cells against cold-shock-induced apoptosis by maintaining phosphorylation of protein kinase B (AKT). Journal of NeuroVirology, 2015, 21, 568-575.	2.1	23
49	CD11c Controls Herpes Simplex Virus 1 Responses To Limit Virus Replication during Primary Infection. Journal of Virology, 2011, 85, 9945-9955.	3.4	20
50	Interrelationship of Primary Virus Replication, Level of Latency, and Time to Reactivation in the Trigeminal Ganglia of Latently Infected Mice. Journal of Virology, 2016, 90, 9533-9542.	3.4	19
51	Large Amounts of Reactivated Virus in Tears Precedes Recurrent Herpes Stromal Keratitis in Stressed Rabbits Latently Infected with Herpes Simplex Virus. Current Eye Research, 2016, 41, 1-8.	1.5	16
52	Specific and Nonspecific Immune Stimulation of MHC-II-Deficient Mice Results in Chronic HSV-1 Infection of the Trigeminal Ganglia Following Ocular Challenge. Virology, 1999, 258, 208-216.	2.4	15
53	Herpes simplex virus type 1 ICP0 localizes in the stromal layer of infected rabbit corneas and resides predominantly in the cytoplasm and/or perinuclear region of rabbit keratocytes. Journal of General Virology, 2006, 87, 2817-2825.	2.9	12
54	Confocal Microscopic Analysis of a Rabbit Eye Model of High-Incidence Recurrent Herpes Stromal Keratitis. Cornea, 2016, 35, 81-88.	1.7	12

#	Article	IF	Citations
55	Herpes Simplex Virus Type 1 Serum Neutralizing Antibody Titers Increase during Latency in Rabbits Latently Infected with Latency-Associated Transcript (LAT)-Positive but Not LAT-Negative Viruses. Journal of Virology, 1999, 73, 9669-9672.	3.4	12
56	Glycoprotein C of herpes simplex virus type 1 is required to cause keratitis at low infectious doses in intact rabbit corneas. Current Eye Research, 2004, 29, 181-189.	1.5	6