Gary H Cohen

List of Publications by Year
in descending order

48 papers	3,937 citations	257450 24 h-index	315739 38 g-index
49 all docs	49 docs citations	49 times ranked	2754 citing authors

#	Article	IF	Citations
1	Entry of Alphaherpesviruses Mediated by Poliovirus Receptor-Related Protein 1 and Poliovirus Receptor. Science, 1998, 280, 1618-1620.	12.6	851
2	Crystal Structure of Glycoprotein B from Herpes Simplex Virus 1. Science, 2006, 313, 217-220.	12.6	493
3	Glycoprotein C of herpes simplex virus 1 acts as a receptor for the C3b complement component on infected cells. Nature, 1984, 309, 633-635.	27.8	412
4	Herpes Simplex Virus Glycoprotein D Bound to the Human Receptor HveA. Molecular Cell, 2001, 8, 169-179.	9.7	349
5	Herpes Virus Fusion and Entry: A Story with Many Characters. Viruses, 2012, 4, 800-832.	3.3	282
6	Cascade of Events Governing Cell-Cell Fusion Induced by Herpes Simplex Virus Glycoproteins gD, gH/gL, and gB. Journal of Virology, 2010, 84, 12292-12299.	3.4	185
7	Glycoprotein D Receptor-Dependent, Low-pH-Independent Endocytic Entry of Herpes Simplex Virus Type 1. Journal of Virology, 2005, 79, 6655-6663.	3.4	157
8	Cross-Neutralizing and Protective Human Antibody Specificities to Poxvirus Infections. Cell, 2016, 167, 684-694.e9.	28.9	141
9	Monoclonal Antibodies to Distinct Sites on Herpes Simplex Virus (HSV) Glycoprotein D Block HSV Binding to HVEM. Journal of Virology, 1998, 72, 3595-3601.	3.4	134
10	Glycoprotein C of Herpes Simplex Virus Type 1 Prevents Complement-Mediated Cell Lysis and Virus Neutralization. Journal of Infectious Diseases, 1990, 162, 331-337.	4.0	126
11	Nucleoside-modified mRNA encoding HSV-2 glycoproteins C, D, and E prevents clinical and subclinical genital herpes. Science Immunology, 2019, 4, .	11.9	72
12	Dissection of the Antibody Response against Herpes Simplex Virus Glycoproteins in Naturally Infected Humans. Journal of Virology, 2014, 88, 12612-12622.	3.4	63
13	Mucosal Administration of CpG Oligodeoxynucleotide Elicits Strong CC and CXC Chemokine Responses in the Vagina and Serves as a Potent Th1-Tilting Adjuvant for Recombinant gD2 Protein Vaccination against Genital Herpes. Journal of Virology, 2006, 80, 5283-5291.	3.4	61
14	Herpes Simplex Virus with Highly Reduced gD Levels Can Efficiently Enter and Spread between Human Keratinocytes. Journal of Virology, 2001, 75, 10309-10318.	3.4	52
15	Antibody-Induced Conformational Changes in Herpes Simplex Virus Glycoprotein gD Reveal New Targets for Virus Neutralization. Journal of Virology, 2012, 86, 1563-1576.	3.4	46
16	Functional Fluorescent Protein Insertions in Herpes Simplex Virus gB Report on gB Conformation before and after Execution of Membrane Fusion. PLoS Pathogens, 2014, 10, e1004373.	4.7	40
17	The Fusion Loops of the Initial Prefusion Conformation of Herpes Simplex Virus 1 Fusion Protein Point Toward the Membrane. MBio, 2017, 8, .	4.1	34
18	Nanoscale polarization of the entry fusion complex of vaccinia virus drives efficient fusion. Nature Microbiology, 2019, 4, 1636-1644.	13.3	32

#	Article	IF	Citations
19	Repertoire of Epitopes Recognized by Serum IgG from Humans Vaccinated with Herpes Simplex Virus 2 Glycoprotein D. Journal of Virology, 2014, 88, 7786-7795.	3.4	31
20	Using a split luciferase assay (SLA) to measure the kinetics of cellâ€“cell fusion mediated by herpes simplex virus glycoproteins. Methods, 2015, 90, 68-75.	3.8	31
21	Patient-Specific Neutralizing Antibody Responses to Herpes Simplex Virus Are Attributed to Epitopes on gD, gB, or Both and Can Be Type Specific. Journal of Virology, 2015, 89, 9213-9231.	3.4	31
22	Surface Plasmon Resonance Reveals Direct Binding of Herpes Simplex Virus Glycoproteins gH/gL to gD and Locates a gH/gL Binding Site on gD. Journal of Virology, 2019, 93, .	3.4	31
23	An HSV-2 nucleoside-modified mRNA genital herpes vaccine containing glycoproteins gC, gD, and gE protects mice against HSV-1 genital lesions and latent infection. PLoS Pathogens, 2020, 16, e1008795.	4.7	31
24	Regulation of Herpes Simplex Virus Glycoprotein-Induced Cascade of Events Governing Cell-Cell Fusion. Journal of Virology, 2016, 90, 10535-10544.	3.4	30
25	Prophylactic Herpes Simplex Virus 2 (HSV-2) Vaccines Adjuvanted with Stable Emulsion and Toll-Like Receptor 9 Agonist Induce a Robust HSV-2-Specific Cell-Mediated Immune Response, Protect against Symptomatic Disease, and Reduce the Latent Viral Reservoir. Journal of Virology, 2017, 91, .	3.4	26
26	Vaccine-induced antibodies to herpes simplex virus glycoprotein D epitopes involved in virus entry and cell-to-cell spread correlate with protection against genital disease in guinea pigs. PLoS Pathogens, 2018, 14, e1007095.	4.7	26
27	Global sensing of the antigenic structure of herpes simplex virus gD using high-throughput array-based SPR imaging. PLoS Pathogens, 2017, 13, e1006430.	4.7	25
28	Protection against herpes simplex virus type 2 infection in a neonatal murine model using a trivalent nucleoside-modified mRNA in lipid nanoparticle vaccine. Vaccine, 2020, 38, 7409-7413.	3.8	23
29	Dynamic organization of Herpesvirus glycoproteins on the viral envelope revealed by super-resolution microscopy. PLoS Pathogens, 2019, 15, e1008209.	4.7	17
30	Trivalent nucleoside-modified mRNA vaccine yields durable memory B cell protection against genital herpes in preclinical models. Journal of Clinical Investigation, 2021, 131, .	8.2	17
31	Antibody responses to crucial functional epitopes as a novel approach to assess immunogenicity of vaccine adjuvants. Vaccine, 2019, 37, 3770-3778.	3.8	15
32	Point Mutations in Retargeted gD Eliminate the Sensitivity of EGFR/EGFRvIII-Targeted HSV to Key Neutralizing Antibodies. Molecular Therapy - Methods and Clinical Development, 2020, 16, 145-154.	4.1	15
33	Localization of the Interaction Site of Herpes Simplex Virus Glycoprotein D (gD) on the Membrane Fusion Regulator, gH/gL. Journal of Virology, 2020, 94, .	3.4	14
34	Using Antibodies and Mutants To Localize the Presumptive gH/gL Binding Site on Herpes Simplex Virus gD. Journal of Virology, 2018, 92, .	3.4	13
35	Using Split Luciferase Assay and Anti-Herpes Simplex Virus Glycoprotein Monoclonal Antibodies To Predict a Functional Binding Site between gD and gH/gL. Journal of Virology, 2021, 95, .	3.4	11
36	Nasal Immunization Confers High Avidity Neutralizing Antibody Response and Immunity to Primary and Recurrent Genital Herpes in Guinea Pigs. Frontiers in Immunology, 2016, 7, 640.	4.8	9

#	Article	IF	Citations
37	Antibodies to Crucial Epitopes on HSV-2 Glycoprotein D as a Guide to Dosing an mRNA Genital Herpes Vaccine. Viruses, 2022, 14, 540.	3.3	6
38	Characterizing Epitope Binding Regions of Entire Antibody Panels by Combining Experimental and Computational Analysis of Antibody: Antigen Binding Competition. Molecules, 2020, 25, 3659.	3.8	5
39	Mutational Evidence of Internal Fusion Loops in Herpes Simplex Virus Glycoprotein B. Journal of Virology, 2008, 82, 7249-7249.	3.4	0
40	Recent insights into the structural characterization of herpes simplex virus fusion protein, gB. Future Virology, 2018, 13, 5-7.	1.8	0
41	Title is missing!. , 2020, 16, e1008795.		0
42	Title is missing!. , 2020, 16, e1008795.		0
43	Title is missing!. , 2020, 16, e1008795.		0
44	Title is missing!. , 2020, 16, e1008795.		0
45	Title is missing!. , 2019, 15, e1008209.		0
46	Title is missing!. , 2019, 15, e1008209.		0
47	Title is missing!. , 2019, 15, e1008209.		0
48	Title is missing!. , 2019, 15, e1008209.		0