

Gary H Cohen

List of Publications by Year in descending order

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Version: 2024-02-01

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	Antibodies to Crucial Epitopes on HSV-2 Glycoprotein D as a Guide to Dosing an mRNA Genital Herpes Vaccine. <i>Viruses</i> , 2022, 14, 540.	3.3	6
2	Using Split Luciferase Assay and Anti-Herpes Simplex Virus Glycoprotein Monoclonal Antibodies To Predict a Functional Binding Site between gD and gH/gL. <i>Journal of Virology</i> , 2021, 95, .	3.4	11
3	Trivalent nucleoside-modified mRNA vaccine yields durable memory B cell protection against genital herpes in preclinical models. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	17
4	Protection against herpes simplex virus type 2 infection in a neonatal murine model using a trivalent nucleoside-modified mRNA in lipid nanoparticle vaccine. <i>Vaccine</i> , 2020, 38, 7409-7413.	3.8	23
5	Localization of the Interaction Site of Herpes Simplex Virus Glycoprotein D (gD) on the Membrane Fusion Regulator, gH/gL. <i>Journal of Virology</i> , 2020, 94, .	3.4	14
6	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. <i>PLoS Pathogens</i> , 2020, 16, e1008795.	4.7	31
7	Characterizing Epitope Binding Regions of Entire Antibody Panels by Combining Experimental and Computational Analysis of Antibody: Antigen Binding Competition. <i>Molecules</i> , 2020, 25, 3659.	3.8	5
8	Point Mutations in Retargeted gD Eliminate the Sensitivity of EGFR/EGFRvIII-Targeted HSV to Key Neutralizing Antibodies. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 16, 145-154.	4.1	15
9	Title is missing!. , 2020, 16, e1008795.		0
10	Title is missing!. , 2020, 16, e1008795.		0
11	Title is missing!. , 2020, 16, e1008795.		0
12	Title is missing!. , 2020, 16, e1008795.		0
13	Nanoscale polarization of the entry fusion complex of vaccinia virus drives efficient fusion. <i>Nature Microbiology</i> , 2019, 4, 1636-1644.	13.3	32
14	Nucleoside-modified mRNA encoding HSV-2 glycoproteins C, D, and E prevents clinical and subclinical genital herpes. <i>Science Immunology</i> , 2019, 4, .	11.9	72
15	Antibody responses to crucial functional epitopes as a novel approach to assess immunogenicity of vaccine adjuvants. <i>Vaccine</i> , 2019, 37, 3770-3778.	3.8	15
16	Surface Plasmon Resonance Reveals Direct Binding of Herpes Simplex Virus Glycoproteins gH/gL to gD and Locates a gH/gL Binding Site on gD. <i>Journal of Virology</i> , 2019, 93, .	3.4	31
17	Dynamic organization of Herpesvirus glycoproteins on the viral envelope revealed by super-resolution microscopy. <i>PLoS Pathogens</i> , 2019, 15, e1008209.	4.7	17
18	Title is missing!. , 2019, 15, e1008209.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2019, 15, e1008209.		0
20	Title is missing!. , 2019, 15, e1008209.		0
21	Title is missing!. , 2019, 15, e1008209.		0
22	Recent insights into the structural characterization of herpes simplex virus fusion protein, gB. <i>Future Virology</i> , 2018, 13, 5-7.	1.8	0
23	Using Antibodies and Mutants To Localize the Presumptive gH/gL Binding Site on Herpes Simplex Virus gD. <i>Journal of Virology</i> , 2018, 92, .	3.4	13
24	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. <i>PLoS Pathogens</i> , 2018, 14, e1007095.	4.7	26
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. <i>Journal of Virology</i> , 2017, 91, .	3.4	26
26	The Fusion Loops of the Initial Prefusion Conformation of Herpes Simplex Virus 1 Fusion Protein Point Toward the Membrane. <i>MBio</i> , 2017, 8, .	4.1	34
27	Global sensing of the antigenic structure of herpes simplex virus gD using high-throughput array-based SPR imaging. <i>PLoS Pathogens</i> , 2017, 13, e1006430.	4.7	25
28	Nasal Immunization Confers High Avidity Neutralizing Antibody Response and Immunity to Primary and Recurrent Genital Herpes in Guinea Pigs. <i>Frontiers in Immunology</i> , 2016, 7, 640.	4.8	9
29	Regulation of Herpes Simplex Virus Glycoprotein-Induced Cascade of Events Governing Cell-Cell Fusion. <i>Journal of Virology</i> , 2016, 90, 10535-10544.	3.4	30
30	Cross-Neutralizing and Protective Human Antibody Specificities to Poxvirus Infections. <i>Cell</i> , 2016, 167, 684-694.e9.	28.9	141
31	Using a split luciferase assay (SLA) to measure the kinetics of cell-cell fusion mediated by herpes simplex virus glycoproteins. <i>Methods</i> , 2015, 90, 68-75.	3.8	31
32	Patient-Specific Neutralizing Antibody Responses to Herpes Simplex Virus Are Attributed to Epitopes on gD, gB, or Both and Can Be Type Specific. <i>Journal of Virology</i> , 2015, 89, 9213-9231.	3.4	31
33	Functional Fluorescent Protein Insertions in Herpes Simplex Virus gB Report on gB Conformation before and after Execution of Membrane Fusion. <i>PLoS Pathogens</i> , 2014, 10, e1004373.	4.7	40
34	Repertoire of Epitopes Recognized by Serum IgG from Humans Vaccinated with Herpes Simplex Virus 2 Glycoprotein D. <i>Journal of Virology</i> , 2014, 88, 7786-7795.	3.4	31
35	Dissection of the Antibody Response against Herpes Simplex Virus Glycoproteins in Naturally Infected Humans. <i>Journal of Virology</i> , 2014, 88, 12612-12622.	3.4	63
36	Herpes Virus Fusion and Entry: A Story with Many Characters. <i>Viruses</i> , 2012, 4, 800-832.	3.3	282

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37	Antibody-Induced Conformational Changes in Herpes Simplex Virus Glycoprotein gD Reveal New Targets for Virus Neutralization. <i>Journal of Virology</i> , 2012, 86, 1563-1576.	3.4	46
38	Cascade of Events Governing Cell-Cell Fusion Induced by Herpes Simplex Virus Glycoproteins gD, gH/gL, and gB. <i>Journal of Virology</i> , 2010, 84, 12292-12299.	3.4	185
39	Mutational Evidence of Internal Fusion Loops in Herpes Simplex Virus Glycoprotein B. <i>Journal of Virology</i> , 2008, 82, 7249-7249.	3.4	0
40	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. <i>Journal of Virology</i> , 2006, 80, 5283-5291.	3.4	61
41	Crystal Structure of Glycoprotein B from Herpes Simplex Virus 1. <i>Science</i> , 2006, 313, 217-220.	12.6	493
42	Glycoprotein D Receptor-Dependent, Low-pH-Independent Endocytic Entry of Herpes Simplex Virus Type 1. <i>Journal of Virology</i> , 2005, 79, 6655-6663.	3.4	157
43	Herpes Simplex Virus Glycoprotein D Bound to the Human Receptor HveA. <i>Molecular Cell</i> , 2001, 8, 169-179.	9.7	349
44	Herpes Simplex Virus with Highly Reduced gD Levels Can Efficiently Enter and Spread between Human Keratinocytes. <i>Journal of Virology</i> , 2001, 75, 10309-10318.	3.4	52
45	Entry of Alpha herpesviruses Mediated by Poliovirus Receptor-Related Protein 1 and Poliovirus Receptor. <i>Science</i> , 1998, 280, 1618-1620.	12.6	851
46	Monoclonal Antibodies to Distinct Sites on Herpes Simplex Virus (HSV) Glycoprotein D Block HSV Binding to HVEM. <i>Journal of Virology</i> , 1998, 72, 3595-3601.	3.4	134
47	Glycoprotein C of Herpes Simplex Virus Type 1 Prevents Complement-Mediated Cell Lysis and Virus Neutralization. <i>Journal of Infectious Diseases</i> , 1990, 162, 331-337.	4.0	126
48	Glycoprotein C of herpes simplex virus 1 acts as a receptor for the C3b complement component on infected cells. <i>Nature</i> , 1984, 309, 633-635.	27.8	412