

Claude Krumpfenacher

List of Publications by Year in descending order

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55
papers

4,582
citations

109321

35
h-index

168389

53
g-index

55
all docs

55
docs citations

55
times ranked

2851
citing authors

#	ARTICLE	IF	CITATIONS
1	Lessons From the Pandemic: Engaging Wicked Problems With Transdisciplinary Deliberation. <i>Journal of Communication Pedagogy</i> , 2021, 5, 164-171.	0.4	1
2	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
3	A novel vaccine candidate based on chimeric virus-like particle displaying multiple conserved epitope peptides induced neutralizing antibodies against EBV infection. <i>Theranostics</i> , 2020, 10, 5704-5718.	10.0	17
4	Herpes Simplex Virus 1 Spread in Oligodendrocytic Cells Is Highly Dependent on MAL Proteolipid. <i>Journal of Virology</i> , 2020, 94, .	3.4	9
5	Saliva enhances infection of gingival fibroblasts by herpes simplex virus 1. <i>PLoS ONE</i> , 2019, 14, e0223299.	2.5	5
6	Interaction between nectin-1 and the human natural killer cell receptor CD96. <i>PLoS ONE</i> , 2019, 14, e0212443.	2.5	24
7	Role of Microvesicles in the Spread of Herpes Simplex Virus 1 in Oligodendrocytic Cells. <i>Journal of Virology</i> , 2018, 92, .	3.4	53
8	Immunization With Fc-Based Recombinant Epstein-Barr Virus gp350 Elicits Potent Neutralizing Humoral Immune Response in a BALB/c Mice Model. <i>Frontiers in Immunology</i> , 2018, 9, 932.	4.8	31
9	Herpes simplex virus glycoprotein D relocates nectin-1 from intercellular contacts. <i>Virology</i> , 2016, 499, 267-277.	2.4	7
10	Role of Proteolipid Protein in HSV-1 Entry in Oligodendrocytic Cells. <i>PLoS ONE</i> , 2016, 11, e0147885.	2.5	7
11	Entry Mechanisms of Herpes Simplex Virus 1 into Murine Epidermis: Involvement of Nectin-1 and Herpesvirus Entry Mediator as Cellular Receptors. <i>Journal of Virology</i> , 2015, 89, 262-274.	3.4	42
12	Induction of conformational changes at the N-terminus of herpes simplex virus glycoprotein D upon binding to HVEM and nectin-1. <i>Virology</i> , 2014, 448, 185-195.	2.4	30
13	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
14	The Effect of Cellular Differentiation on HSV-1 Infection of Oligodendrocytic Cells. <i>PLoS ONE</i> , 2014, 9, e89141.	2.5	25
15	Entry of Herpesviruses into Cells: The Enigma Variations. <i>Advances in Experimental Medicine and Biology</i> , 2013, 790, 178-195.	1.6	65
16	A Key Role for Nectin-1 in the Ventral Hippocampus in Contextual Fear Memory. <i>PLoS ONE</i> , 2013, 8, e56897.	2.5	18
17	Herpes Virus Fusion and Entry: A Story with Many Characters. <i>Viruses</i> , 2012, 4, 800-832.	3.3	282
18	The Membrane-Proximal Region (MPR) of Herpes Simplex Virus gB Regulates Association of the Fusion Loops with Lipid Membranes. <i>MBio</i> , 2012, 3, .	4.1	26

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19	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
20	Structure of Herpes Simplex Virus Glycoprotein D Bound to the Human Receptor Nectin-1. <i>PLoS Pathogens</i> , 2011, 7, e1002277.	4.7	154
21	Virus Budding/Host Interactions. <i>Advances in Virology</i> , 2011, 2011, 1-2.	1.1	5
22	Mechanisms by Which Pathogens Hijack and Utilize Membrane Domains to Mediate Cytotoxicity. , 2011, , 153-175.		0
23	Glycoprotein D actively induces rapid internalization of two nectin-1 isoforms during herpes simplex virus entry. <i>Virology</i> , 2010, 399, 109-119.	2.4	30
24	Herpes Simplex Virus Glycoprotein D Interferes with Binding of Herpesvirus Entry Mediator to Its Ligands through Downregulation and Direct Competition. <i>Journal of Virology</i> , 2010, 84, 11646-11660.	3.4	53
25	Cytotoxic Distending Toxin-induced Cell Cycle Arrest of Lymphocytes Is Dependent upon Recognition and Binding to Cholesterol. <i>Journal of Biological Chemistry</i> , 2009, 284, 10650-10658.	3.4	72
26	Entry of herpesviruses into mammalian cells. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 1653-1668.	5.4	294
27	The herpes simplex virus receptor nectin-1 is down-regulated after trans-interaction with glycoprotein D. <i>Virology</i> , 2008, 373, 98-111.	2.4	50
28	Engineered Disulfide Bonds in Herpes Simplex Virus Type 1 gD Separate Receptor Binding from Fusion Initiation and Viral Entry. <i>Journal of Virology</i> , 2008, 82, 700-709.	3.4	50
29	Glycoprotein-Dependent and TLR2-Independent Innate Immune Recognition of Herpes Simplex Virus-1 by Dendritic Cells. <i>Journal of Immunology</i> , 2008, 180, 7525-7536.	0.8	53
30	Understanding HSV-1 entry glycoproteins. <i>Reviews in Medical Virology</i> , 2007, 17, 205-215.	8.3	98
31	Spatiotemporal changes of the herpes simplex virus entry receptor nectin-1 in murine brain during postnatal development. <i>Journal of NeuroVirology</i> , 2006, 12, 161-170.	2.1	9
32	Î±-Herpesvirus glycoprotein D interaction with sensory neurons triggers formation of varicosities that serve as virus exit sites. <i>Journal of Cell Biology</i> , 2006, 174, 267-275.	5.2	56
33	Î±-Herpesvirus glycoprotein D interaction with sensory neurons triggers formation of varicosities that serve as virus exit sites. <i>Journal of Experimental Medicine</i> , 2006, 203, i20-i20.	8.5	0
34	Nectin-1/HveC Mediates herpes simplex virus type-1 entry into primary human sensory neurons and fibroblasts. <i>Journal of NeuroVirology</i> , 2005, 11, 208-218.	2.1	50
35	Structure of unliganded HSV gD reveals a mechanism for receptor-mediated activation of virus entry. <i>EMBO Journal</i> , 2005, 24, 4144-4153.	7.8	231
36	In Vivo Role of Nectin-1 in Entry of Herpes Simplex Virus Type 1 (HSV-1) and HSV-2 through the Vaginal Mucosa. <i>Journal of Virology</i> , 2004, 78, 2530-2536.	3.4	70

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37	Comparative usage of herpesvirus entry mediator A and nectin-1 by laboratory strains and clinical isolates of herpes simplex virus. <i>Virology</i> , 2004, 322, 286-299.	2.4	120
38	Cellular Localization of Nectin-1 and Glycoprotein D during Herpes Simplex Virus Infection. <i>Journal of Virology</i> , 2003, 77, 8985-8999.	3.4	64
39	Entry of Herpes Simplex Virus Type 1 into Primary Sensory Neurons In Vitro Is Mediated by Nectin-1/HveC. <i>Journal of Virology</i> , 2003, 77, 3307-3311.	3.4	74
40	Effects of Herpes Simplex Virus on Structure and Function of Nectin-1/HveC. <i>Journal of Virology</i> , 2002, 76, 2424-2433.	3.4	50
41	Regions of Mouse Mammary Tumor Virus Superantigen Involved in Interaction with the Major Histocompatibility Complex Class II I-A Molecule. <i>Journal of Virology</i> , 2002, 76, 11172-11175.	3.4	5
42	Herpes Simplex Virus Glycoprotein D Bound to the Human Receptor HveA. <i>Molecular Cell</i> , 2001, 8, 169-179.	9.7	349
43	Glycoprotein D Homologs in Herpes Simplex Virus Type 1, Pseudorabies Virus, and Bovine Herpes Virus Type 1 Bind Directly to Human HveC (Nectin-1) with Different Affinities. <i>Virology</i> , 2001, 280, 7-18.	2.4	68
44	Porcine HveC, a Member of the Highly Conserved HveC/Nectin 1 Family, Is a Functional Alphaherpesvirus Receptor. <i>Virology</i> , 2001, 281, 315-328.	2.4	70
45	Use of Chimeric Nectin-1 (HveC)-Related Receptors to Demonstrate That Ability to Bind Alphaherpesvirus gD Is Not Necessarily Sufficient for Viral Entry. <i>Virology</i> , 2001, 285, 366-375.	2.4	40
46	Development of a Syngenic Murine B16 Cell Line-Derived Melanoma Susceptible to Destruction by Neuroattenuated HSV-1. <i>Molecular Therapy</i> , 2001, 3, 160-168.	8.2	66
47	Localization of the gD-Binding Region of the Human Herpes Simplex Virus Receptor, HveA. <i>Journal of Virology</i> , 2001, 75, 171-180.	3.4	48
48	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
49	Localization of a Binding Site for Herpes Simplex Virus Glycoprotein D on Herpesvirus Entry Mediator C by Using Antireceptor Monoclonal Antibodies. <i>Journal of Virology</i> , 2000, 74, 10863-10872.	3.4	111
50	The First Immunoglobulin-Like Domain of HveC Is Sufficient To Bind Herpes Simplex Virus gD with Full Affinity, While the Third Domain Is Involved in Oligomerization of HveC. <i>Journal of Virology</i> , 1999, 73, 8127-8137.	3.4	119
51	The Major Neutralizing Antigenic Site on Herpes Simplex Virus Glycoprotein D Overlaps a Receptor-Binding Domain. <i>Journal of Virology</i> , 1999, 73, 9879-9890.	3.4	80
52	Entry of Alphaherpesviruses Mediated by Poliovirus Receptor-Related Protein 1 and Poliovirus Receptor. <i>Science</i> , 1998, 280, 1618-1620.	12.6	851
53	Herpes Simplex Virus Glycoprotein D Can Bind to Poliovirus Receptor-Related Protein 1 or Herpesvirus Entry Mediator, Two Structurally Unrelated Mediators of Virus Entry. <i>Journal of Virology</i> , 1998, 72, 7064-7074.	3.4	223
54	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

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55	The mouse mammary tumor virus long terminal repeat encodes A 47 kDa Glycoprotein with a short half-life in mammalian cells. <i>Molecular Immunology</i> , 1993, 30, 1151-1157.	2.2	18