

Brent J Ryckman

List of Publications by Year in descending order

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16
papers

1,447
citations

687363

13
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

973
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Cytomegalovirus Entry into Epithelial and Endothelial Cells Depends on Genes UL128 to UL150 and Occurs by Endocytosis and Low-pH Fusion. <i>Journal of Virology</i> , 2006, 80, 710-722.	3.4	288
2	Characterization of the Human Cytomegalovirus gH/gL/UL128-131 Complex That Mediates Entry into Epithelial and Endothelial Cells. <i>Journal of Virology</i> , 2008, 82, 60-70.	3.4	285
3	HCMV gH/gL/UL128-131 interferes with virus entry into epithelial cells: Evidence for cell type-specific receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14118-14123.	7.1	153
4	Human Cytomegalovirus gH/gL/gO Promotes the Fusion Step of Entry into All Cell Types, whereas gH/gL/UL128-131 Broadens Virus Tropism through a Distinct Mechanism. <i>Journal of Virology</i> , 2015, 89, 8999-9009.	3.4	147
5	Human Cytomegalovirus Glycoproteins gB and gH/gL Mediate Epithelial Cell-Cell Fusion When Expressed either in <i>cis</i> or in <i>trans</i> . <i>Journal of Virology</i> , 2008, 82, 11837-11850.	3.4	130
6	Comparative Analysis of gO Isoforms Reveals that Strains of Human Cytomegalovirus Differ in the Ratio of gH/gL/gO and gH/gL/UL128-131 in the Virion Envelope. <i>Journal of Virology</i> , 2013, 87, 9680-9690.	3.4	91
7	Human Cytomegalovirus (HCMV) Glycoprotein gB Promotes Virus Entry In <i>Trans</i> Acting as the Viral Fusion Protein Rather than as a Receptor-Binding Protein. <i>MBio</i> , 2013, 4, e00332-13.	4.1	77
8	A viral regulator of glycoprotein complexes contributes to human cytomegalovirus cell tropism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4471-4476.	7.1	75
9	Peptides from cytomegalovirus UL130 and UL131 proteins induce high titer antibodies that block viral entry into mucosal epithelial cells. <i>Vaccine</i> , 2011, 29, 2705-2711.	3.8	53
10	Human Cytomegalovirus TR Strain Glycoprotein O Acts as a Chaperone Promoting gH/gL Incorporation into Virions but Is Not Present in Virions. <i>Journal of Virology</i> , 2010, 84, 2597-2609.	3.4	47
11	Expression Levels of Glycoprotein O (gO) Vary between Strains of Human Cytomegalovirus, Influencing the Assembly of gH/gL Complexes and Virion Infectivity. <i>Journal of Virology</i> , 2018, 92, .	3.4	22
12	Scanning Mutagenesis of Human Cytomegalovirus Glycoprotein gH/gL. <i>Journal of Virology</i> , 2016, 90, 2294-2305.	3.4	21
13	Polymorphisms in Human Cytomegalovirus Glycoprotein O (gO) Exert Epistatic Influences on Cell-Free and Cell-to-Cell Spread and Antibody Neutralization on gH Epitopes. <i>Journal of Virology</i> , 2020, 94, .	3.4	21
14	Specialization for Cell-Free or Cell-to-Cell Spread of BAC-Cloned Human Cytomegalovirus Strains Is Determined by Factors beyond the UL128-131 and RL13 Loci. <i>Journal of Virology</i> , 2020, 94, .	3.4	17
15	The Human Cytomegalovirus Protein UL116 Interacts with the Viral Endoplasmic-Reticulum-Resident Glycoprotein UL148 and Promotes the Incorporation of gH/gL Complexes into Virions. <i>Journal of Virology</i> , 2021, 95, e0220720.	3.4	10
16	Mutagenesis of Human Cytomegalovirus Glycoprotein L Disproportionately Disrupts gH/gL/gO over gH/gL/pUL128-131. <i>Journal of Virology</i> , 2021, 95, e0061221.	3.4	3