

Richard J Roller

List of Publications by Year in descending order

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41
papers

2,862
citations

201674
27
h-index

276875
41
g-index

44
all docs

44
docs citations

44
times ranked

1690
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#	ARTICLE	IF	CITATIONS
1	Ultrastructural Localization of the Herpes Simplex Virus Type 1 U L 31, U L 34, and U S 3 Proteins Suggests Specific Roles in Primary Envelopment and Egress of Nucleocapsids. <i>Journal of Virology</i> , 2002, 76, 8939-8952.	3.4	318
2	U L 31 and U L 34 Proteins of Herpes Simplex Virus Type 1 Form a Complex That Accumulates at the Nuclear Rim and Is Required for Envelopment of Nucleocapsids. <i>Journal of Virology</i> , 2001, 75, 8803-8817.	3.4	277
3	Herpes Simplex Virus Type 1 U L 34 Gene Product Is Required for Viral Envelopment. <i>Journal of Virology</i> , 2000, 74, 117-129.	3.4	213
4	Herpes simplex virus glycoproteins gB and gH function in fusion between the virion envelope and the outer nuclear membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10187-10192.	7.1	160
5	Herpes Simplex Virus Type 1 Primary Envelopment: UL34 Protein Modification and the US3-UL34 Catalytic Relationship. <i>Journal of Virology</i> , 2004, 78, 399-412.	3.4	150
6	Herpes Simplex Virus 1 U L 31 and U L 34 Gene Products Promote the Late Maturation of Viral Replication Compartments to the Nuclear Periphery. <i>Journal of Virology</i> , 2004, 78, 5591-5600.	3.4	131
7	Human semen contains exosomes with potent anti-HIV-1 activity. <i>Retrovirology</i> , 2014, 11, 102.	2.0	121
8	Constitutive mTORC1 activation by a herpesvirus Akt surrogate stimulates mRNA translation and viral replication. <i>Genes and Development</i> , 2010, 24, 2627-2639.	5.9	119
9	Roles for herpes simplex virus type 1 UL34 and US3 proteins in disrupting the nuclear lamina during herpes simplex virus type 1 egress. <i>Virology</i> , 2006, 347, 261-276.	2.4	114
10	The HSV-1 Us3 protein kinase is sufficient to block apoptosis induced by overexpression of a variety of Bcl-2 family members. <i>Virology</i> , 2004, 319, 212-224.	2.4	105
11	Emerin Is Hyperphosphorylated and Redistributed in Herpes Simplex Virus Type 1-Infected Cells in a Manner Dependent on both UL34 and US3. <i>Journal of Virology</i> , 2007, 81, 10792-10803.	3.4	103
12	Herpesvirus gB-Induced Fusion between the Virion Envelope and Outer Nuclear Membrane during Virus Egress Is Regulated by the Viral US3 Kinase. <i>Journal of Virology</i> , 2009, 83, 3115-3126.	3.4	91
13	BST-2/tetherin-mediated restriction of chikungunya (CHIKV) VLP budding is counteracted by CHIKV non-structural protein 1 (nsP1). <i>Virology</i> , 2013, 438, 37-49.	2.4	91
14	Analysis of a Charge Cluster Mutation of Herpes Simplex Virus Type 1 UL34 and Its Extragenic Suppressor Suggests a Novel Interaction between pUL34 and pUL31 That Is Necessary for Membrane Curvature around Capsids. <i>Journal of Virology</i> , 2010, 84, 3921-3934.	3.4	71
15	Significance of host cell kinases in herpes simplex virus type 1 egress and lamin-associated protein disassembly from the nuclear lamina. <i>Virology</i> , 2010, 406, 127-137.	2.4	69
16	Effects of Charged Cluster Mutations on the Function of Herpes Simplex Virus Type 1 U L 34 Protein. <i>Journal of Virology</i> , 2003, 77, 7601-7610.	3.4	66
17	A Functional Role for TorsinA in Herpes Simplex Virus 1 Nuclear Egress. <i>Journal of Virology</i> , 2011, 85, 9667-9679.	3.4	59
18	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

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19	Herpes simplex virus US3 tegument protein inhibits Toll-like receptor 2 signaling at or before TRAF6 ubiquitination. <i>Virology</i> , 2013, 439, 65-73.	2.4	48
20	Bone marrow stromal cell antigen 2 (BST-2) restricts mouse mammary tumor virus (MMTV) replication in vivo. <i>Retrovirology</i> , 2012, 9, 10.	2.0	47
21	The Herpes Simplex Virus 1 UL51 Gene Product Has Cell Type-Specific Functions in Cell-to-Cell Spread. <i>Journal of Virology</i> , 2014, 88, 4058-4068.	3.4	46
22	Herpesvirus Nuclear Egress. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017, 223, 143-169.	1.6	44
23	Herpes Simplex Virus 1 Induces Phosphorylation and Reorganization of Lamin A/C through the \hat{I}^3 34.5 Protein That Facilitates Nuclear Egress. <i>Journal of Virology</i> , 2016, 90, 10414-10422.	3.4	42
24	The Herpes Simplex Virus 1 UL51 Protein Interacts with the UL7 Protein and Plays a Role in Its Recruitment into the Virion. <i>Journal of Virology</i> , 2015, 89, 3112-3122.	3.4	39
25	Herpes Simplex Virus 1 pUL34 Plays a Critical Role in Cell-to-Cell Spread of Virus in Addition to Its Role in Virus Replication. <i>Journal of Virology</i> , 2011, 85, 7203-7215.	3.4	38
26	Suppression of Extracellular Signal-Regulated Kinase Activity in Herpes Simplex Virus 1-Infected Cells by the Us3 Protein Kinase. <i>Journal of Virology</i> , 2012, 86, 7771-7776.	3.4	33
27	Mutations in Herpes Simplex Virus Glycoprotein D Distinguish Entry of Free Virus from Cell-Cell Spread. <i>Journal of Virology</i> , 2000, 74, 11437-11446.	3.4	31
28	Intragenic and Extragenic Suppression of a Mutation in Herpes Simplex Virus 1 UL34 That Affects both Nuclear Envelope Targeting and Membrane Budding. <i>Journal of Virology</i> , 2011, 85, 11615-11625.	3.4	28
29	Herpesvirus Entry Mediator HVEM Mediates Cell-Cell Spread in BHK(TK $\hat{\alpha}'$) Cell Clones. <i>Journal of Virology</i> , 1998, 72, 1411-1417.	3.4	27
30	Nuclear envelope breakdown induced by herpes simplex virus type 1 involves the activity of viral fusion proteins. <i>Virology</i> , 2014, 460-461, 128-137.	2.4	23
31	Extragenic Suppression of a Mutation in Herpes Simplex Virus 1 UL34 That Affects Lamina Disruption and Nuclear Egress. <i>Journal of Virology</i> , 2016, 90, 10738-10751.	3.4	19
32	Functional interactions between herpes simplex virus pUL51, pUL7 and gE reveal cell-specific mechanisms for epithelial cell-to-cell spread. <i>Virology</i> , 2019, 537, 84-96.	2.4	14
33	Herpes Simplex Virus Organizes Cytoplasmic Membranes To Form a Viral Assembly Center in Neuronal Cells. <i>Journal of Virology</i> , 2020, 94, .	3.4	12
34	Mechanism of Nuclear Lamina Disruption and the Role of pUS3 in Herpes Simplex Virus 1 Nuclear Egress. <i>Journal of Virology</i> , 2021, 95, .	3.4	12
35	Removal of transposon target sites from the <i>Autographa californica</i> multiple nucleopolyhedrovirus fp25k gene delays, but does not prevent, accumulation of the few polyhedra phenotype. <i>Journal of General Virology</i> , 2010, 91, 3053-3064.	2.9	11
36	Staphylococcal TSST-1 Association with Eczema Herpeticum in Humans. <i>MSphere</i> , 2021, 6, e0060821.	2.9	10

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37	Nuclear egress of herpesviruses. <i>Virologica Sinica</i> , 2008, 23, 406-415.	3.0	8
38	Cell Culture Evolution of a Herpes Simplex Virus 1 (HSV-1)/Varicella-Zoster Virus (VZV) UL34/ORF24 Chimeric Virus Reveals Novel Functions for HSV Genes in Capsid Nuclear Egress. <i>Journal of Virology</i> , 2021, 95, e0095721.	3.4	8
39	Herpesvirus Nuclear Egress across the Outer Nuclear Membrane. <i>Viruses</i> , 2021, 13, 2356.	3.3	6
40	Herpes Simplex Virus 1 UL34 Mutants That Affect Membrane Budding Regulation and Nuclear Lamina Disruption. <i>Journal of Virology</i> , 2021, 95, e0087321.	3.4	3
41	Peroxiredoxin 1 protein interacts with influenza virus ribonucleoproteins and is required for efficient virus replication. <i>Vaccine</i> , 2018, 36, 4540-4547.	3.8	2