Richard J Roller

List of Publications by Year
in descending order

41 papers	2,862 citations	201385 27 h-index	276539 41 g-index
44 all docs	44 docs citations	44 times ranked	1690 citing authors

#	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. Journal of Virology, 2002, 76, 8939-8952.	1.5	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. Journal of Virology, 2001, 75, 8803-8817.	1.5	277
3	Herpes Simplex Virus Type 1 U _L 34 Gene Product Is Required for Viral Envelopment. Journal of Virology, 2000, 74, 117-129.	1.5	213
4	Herpes simplex virus glycoproteins gB and gH function in fusion between the virion envelope and the outer nuclear membrane. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10187-10192.	3.3	160
5	Herpes Simplex Virus Type 1 Primary Envelopment: UL34 Protein Modification and the US3-UL34 Catalytic Relationship. Journal of Virology, 2004, 78, 399-412.	1.5	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. Journal of Virology, 2004, 78, 5591-5600.	1.5	131
7	Human semen contains exosomes with potent anti-HIV-1 activity. Retrovirology, 2014, 11, 102.	0.9	121
8	Constitutive mTORC1 activation by a herpesvirus Akt surrogate stimulates mRNA translation and viral replication. Genes and Development, 2010, 24, 2627-2639.	2.7	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. Virology, 2006, 347, 261-276.	1.1	114
10	The HSV-1 Us3 protein kinase is sufficient to block apoptosis induced by overexpression of a variety of Bcl-2 family members. Virology, 2004, 319, 212-224.	1.1	105
11	Emerin Is Hyperphosphorylated and Redistributed in Herpes Simplex Virus Type 1-Infected Cells in a Manner Dependent on both UL34 and US3. Journal of Virology, 2007, 81, 10792-10803.	1.5	103
12	Herpesvirus gB-Induced Fusion between the Virion Envelope and Outer Nuclear Membrane during Virus Egress Is Regulated by the Viral US3 Kinase. Journal of Virology, 2009, 83, 3115-3126.	1.5	91
13	BST-2/tetherin-mediated restriction of chikungunya (CHIKV) VLP budding is counteracted by CHIKV non-structural protein 1 (nsP1). Virology, 2013, 438, 37-49.	1.1	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. Journal of Virology, 2010, 84, 3921-3934.	1.5	71
15	Significance of host cell kinases in herpes simplex virus type 1 egress and lamin-associated protein disassembly from the nuclear lamina. Virology, 2010, 406, 127-137.	1.1	69
16	Effects of Charged Cluster Mutations on the Function of Herpes Simplex Virus Type 1 U L 34 Protein. Journal of Virology, 2003, 77, 7601-7610.	1.5	66
17	A Functional Role for TorsinA in Herpes Simplex Virus 1 Nuclear Egress. Journal of Virology, 2011, 85, 9667-9679.	1.5	59
18	Herpes Simplex Virus with Highly Reduced gD Levels Can Efficiently Enter and Spread between Human Keratinocytes. Journal of Virology, 2001, 75, 10309-10318.	1.5	52

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19	Herpes simplex virus US3 tegument protein inhibits Toll-like receptor 2 signaling at or before TRAF6 ubiquitination. Virology, 2013, 439, 65-73.	1.1	48
20	Bone marrow stromal cell antigen 2 (BST-2) restricts mouse mammary tumor virus (MMTV) replication in vivo. Retrovirology, 2012, 9, 10.	0.9	47
21	The Herpes Simplex Virus 1 UL51 Gene Product Has Cell Type-Specific Functions in Cell-to-Cell Spread. Journal of Virology, 2014, 88, 4058-4068.	1.5	46
22	Herpesvirus Nuclear Egress. Advances in Anatomy, Embryology and Cell Biology, 2017, 223, 143-169.	1.0	44
23	Herpes Simplex Virus 1 Induces Phosphorylation and Reorganization of Lamin A/C through the Î³ ₁ 34.5 Protein That Facilitates Nuclear Egress. Journal of Virology, 2016, 90, 10414-10422.	1.5	42
24	The Herpes Simplex Virus 1 UL51 Protein Interacts with the UL7 Protein and Plays a Role in Its Recruitment into the Virion. Journal of Virology, 2015, 89, 3112-3122.	1.5	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. Journal of Virology, 2011, 85, 7203-7215.	1.5	38
26	Suppression of Extracellular Signal-Regulated Kinase Activity in Herpes Simplex Virus 1-Infected Cells by the Us3 Protein Kinase. Journal of Virology, 2012, 86, 7771-7776.	1.5	33
27	Mutations in Herpes Simplex Virus Glycoprotein D Distinguish Entry of Free Virus from Cell-Cell Spread. Journal of Virology, 2000, 74, 11437-11446.	1.5	31
28	Intragenic and Extragenic Suppression of a Mutation in Herpes Simplex Virus 1 UL34 That Affects both Nuclear Envelope Targeting and Membrane Budding. Journal of Virology, 2011, 85, 11615-11625.	1.5	28
29	Herpesvirus Entry Mediator HVEM Mediates Cell-Cell Spread in BHK(TK â^') Cell Clones. Journal of Virology, 1998, 72, 1411-1417.	1.5	27
30	Nuclear envelope breakdown induced by herpes simplex virus type 1 involves the activity of viral fusion proteins. Virology, 2014, 460-461, 128-137.	1.1	23
31	Extragenic Suppression of a Mutation in Herpes Simplex Virus 1 UL34 That Affects Lamina Disruption and Nuclear Egress. Journal of Virology, 2016, 90, 10738-10751.	1.5	19
32	Functional interactions between herpes simplex virus pUL51, pUL7 and gE reveal cell-specific mechanisms for epithelial cell-to-cell spread. Virology, 2019, 537, 84-96.	1.1	14
33	Herpes Simplex Virus Organizes Cytoplasmic Membranes To Form a Viral Assembly Center in Neuronal Cells. Journal of Virology, 2020, 94, .	1.5	12
34	Mechanism of Nuclear Lamina Disruption and the Role of pUS3 in Herpes Simplex Virus 1 Nuclear Egress. Journal of Virology, 2021, 95, .	1.5	12
35	Removal of transposon target sites from the Autographa californica multiple nucleopolyhedrovirus fp25k gene delays, but does not prevent, accumulation of the few polyhedra phenotype. Journal of General Virology, 2010, 91, 3053-3064.	1.3	11
36	Staphylococcal TSST-1 Association with Eczema Herpeticum in Humans. MSphere, 2021, 6, e0060821.	1.3	10

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37	Nuclear egress of herpesviruses. Virologica Sinica, 2008, 23, 406-415.	1.2	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. Journal of Virology, 2021, 95, e0095721.	1.5	8
39	Herpesvirus Nuclear Egress across the Outer Nuclear Membrane. Viruses, 2021, 13, 2356.	1.5	6
40	Herpes Simplex Virus 1 UL34 Mutants That Affect Membrane Budding Regulation and Nuclear Lamina Disruption. Journal of Virology, 2021, 95, e0087321.	1.5	3
41	Peroxiredoxin 1 protein interacts with influenza virus ribonucleoproteins and is required for efficient virus replication. Vaccine, 2018, 36, 4540-4547.	1.7	2