

Ronald N Harty

List of Publications by Year in descending order

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62
papers

3,293
citations

136885

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docs citations

67
times ranked

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#	ARTICLE	IF	CITATIONS
1	Overlapping Motifs (PTAP and PPEY) within the Ebola Virus VP40 Protein Function Independently as Late Budding Domains: Involvement of Host Proteins TSG101 and VPS-4. <i>Journal of Virology</i> , 2003, 77, 1812-1819.	1.5	255
2	A Proline-Rich Motif within the Matrix Protein of Vesicular Stomatitis Virus and Rabies Virus Interacts with WW Domains of Cellular Proteins: Implications for Viral Budding. <i>Journal of Virology</i> , 1999, 73, 2921-2929.	1.5	249
3	ISG15 inhibits Ebola VP40 VLP budding in an L-domain-dependent manner by blocking Nedd4 ligase activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3974-3979.	3.3	245
4	Contribution of Ebola Virus Glycoprotein, Nucleoprotein, and VP24 to Budding of VP40 Virus-Like Particles. <i>Journal of Virology</i> , 2004, 78, 7344-7351.	1.5	217
5	Rhabdoviruses and the Cellular Ubiquitin-Proteasome System: a Budding Interaction. <i>Journal of Virology</i> , 2001, 75, 10623-10629.	1.5	185
6	Late Domain Function Identified in the Vesicular Stomatitis Virus M Protein by Use of Rhabdovirus-Retrovirus Chimeras. <i>Journal of Virology</i> , 1999, 73, 3359-3365.	1.5	126
7	Biochemical and Functional Characterization of the Ebola Virus VP24 Protein: Implications for a Role in Virus Assembly and Budding. <i>Journal of Virology</i> , 2003, 77, 1793-1800.	1.5	118
8	Phospholipid Scramblase 1 Potentiates the Antiviral Activity of Interferon. <i>Journal of Virology</i> , 2004, 78, 8983-8993.	1.5	107
9	Budding of PPxY-Containing Rhabdoviruses Is Not Dependent on Host Proteins TGS101 and VPS4A. <i>Journal of Virology</i> , 2004, 78, 2657-2665.	1.5	95
10	Antiviral Activity of Innate Immune Protein ISG15. <i>Journal of Innate Immunity</i> , 2009, 1, 397-404.	1.8	87
11	Small-Molecule Probes Targeting the Viral PPxY-Host Nedd4 Interface Block Egress of a Broad Range of RNA Viruses. <i>Journal of Virology</i> , 2014, 88, 7294-7306.	1.5	86
12	The NS3 Protein of Bluetongue Virus Exhibits Viroporin-like Properties. <i>Journal of Biological Chemistry</i> , 2004, 279, 43092-43097.	1.6	83
13	PPEY Motif within the Rabies Virus (RV) Matrix Protein Is Essential for Efficient Virion Release and RV Pathogenicity. <i>Journal of Virology</i> , 2008, 82, 9730-9738.	1.5	76
14	Effect of Ebola virus proteins GP, NP and VP35 on VP40 VLP morphology. <i>Virology Journal</i> , 2006, 3, 31.	1.4	68
15	Host IQGAP1 and Ebola Virus VP40 Interactions Facilitate Virus-Like Particle Egress. <i>Journal of Virology</i> , 2013, 87, 7777-7780.	1.5	68
16	The YPLGVC sequence of the Nipah virus matrix protein is required for budding. <i>Virology Journal</i> , 2008, 5, 137.	1.4	63
17	No exit: Targeting the budding process to inhibit filovirus replication. <i>Antiviral Research</i> , 2009, 81, 189-197.	1.9	62
18	ITCH E3 Ubiquitin Ligase Interacts with Ebola Virus VP40 To Regulate Budding. <i>Journal of Virology</i> , 2016, 90, 9163-9171.	1.5	60

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19	ALIX Rescues Budding of a Double PTAP/PPEY L-Domain Deletion Mutant of Ebola VP40: A Role for ALIX in Ebola Virus Egress. <i>Journal of Infectious Diseases</i> , 2015, 212, S138-S145.	1.9	57
20	SARS-CoV-2 Envelope (E) protein interacts with PDZ-domain-2 of host tight junction protein ZO1. <i>PLoS ONE</i> , 2021, 16, e0251955.	1.1	56
21	The multifunctional Ebola virus VP40 matrix protein is a promising therapeutic target. <i>Future Virology</i> , 2015, 10, 537-546.	0.9	51
22	Conserved Motifs within Ebola and Marburg Virus VP40 Proteins Are Important for Stability, Localization, and Subsequent Budding of Virus-Like Particles. <i>Journal of Virology</i> , 2010, 84, 2294-2303.	1.5	49
23	Functional characterization of Ebola virus L-domains using VSV recombinants. <i>Virology</i> , 2005, 336, 291-298.	1.1	48
24	Packaging of actin into Ebola virus VLPs. <i>Virology Journal</i> , 2005, 2, 92.	1.4	47
25	Chaperone-Mediated Autophagy Protein BAG3 Negatively Regulates Ebola and Marburg VP40-Mediated Egress. <i>PLoS Pathogens</i> , 2017, 13, e1006132.	2.1	43
26	Rabies Virus Assembly and Budding. <i>Advances in Virus Research</i> , 2011, 79, 23-32.	0.9	42
27	Calcium Regulation of Hemorrhagic Fever Virus Budding: Mechanistic Implications for Host-Oriented Therapeutic Intervention. <i>PLoS Pathogens</i> , 2015, 11, e1005220.	2.1	42
28	A Host-Oriented Inhibitor of Junin Argentine Hemorrhagic Fever Virus Egress. <i>Journal of Virology</i> , 2014, 88, 4736-4743.	1.5	41
29	Quinoxaline-based inhibitors of Ebola and Marburg VP40 egress. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3429-3435.	1.0	41
30	Functional Analysis of Late-Budding Domain Activity Associated with the PSAP Motif within the Vesicular Stomatitis Virus M Protein. <i>Journal of Virology</i> , 2004, 78, 7823-7827.	1.5	40
31	Debulking SARS-CoV-2 in saliva using angiotensin converting enzyme 2 in chewing gum to decrease oral virus transmission and infection. <i>Molecular Therapy</i> , 2022, 30, 1966-1978.	3.7	39
32	Ubiquitin Ligase WWP1 Interacts with Ebola Virus VP40 To Regulate Egress. <i>Journal of Virology</i> , 2017, 91, .	1.5	37
33	Role for Amino Acids ²¹² KLR ²¹⁴ of Ebola Virus VP40 in Assembly and Budding. <i>Journal of Virology</i> , 2007, 81, 11452-11460.	1.5	36
34	Suppressor of Cytokine Signaling 3 Is an Inducible Host Factor That Regulates Virus Egress during Ebola Virus Infection. <i>Journal of Virology</i> , 2015, 89, 10399-10406.	1.5	34
35	WW- and SH3-Domain Interactions with Epstein-Barr Virus LMP2A. <i>Experimental Cell Research</i> , 2000, 257, 332-340.	1.2	29
36	Viral and host proteins that modulate filovirus budding. <i>Future Virology</i> , 2010, 5, 481-491.	0.9	29

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37	Bimolecular Complementation to Visualize Filovirus VP40-Host Complexes in Live Mammalian Cells: Toward the Identification of Budding Inhibitors. <i>Advances in Virology</i> , 2011, 2011, 1-10.	0.5	24
38	L-Domain Flanking Sequences Are Important for Host Interactions and Efficient Budding of Vesicular Stomatitis Virus Recombinants. <i>Journal of Virology</i> , 2005, 79, 12617-12622.	1.5	22
39	Influence of calcium/calmodulin on budding of Ebola VLPs: implications for the involvement of the Ras/Raf/MEK/ERK pathway. <i>Virus Genes</i> , 2007, 35, 511-520.	0.7	22
40	Modifications of the PSAP region of the matrix protein lead to attenuation of vesicular stomatitis virus in vitro and in vivo. <i>Journal of General Virology</i> , 2007, 88, 2559-2567.	1.3	21
41	Characterization of Filovirus Protein-Protein Interactions in Mammalian Cells Using Bimolecular Complementation. <i>Journal of Infectious Diseases</i> , 2011, 204, S817-S824.	1.9	21
42	A luciferase-based budding assay for Ebola virus. <i>Journal of Virological Methods</i> , 2006, 137, 115-119.	1.0	15
43	Viruses go modular. <i>Journal of Biological Chemistry</i> , 2020, 295, 4604-4616.	1.6	15
44	Angiotensin regulates budding and spread of Ebola virus. <i>Journal of Biological Chemistry</i> , 2020, 295, 8596-8601.	1.6	14
45	Permeabilization of the plasma membrane by Ebola virus GP2. <i>Virus Genes</i> , 2007, 34, 273-281.	0.7	12
46	Hemorrhagic Fever Virus Budding Studies. <i>Methods in Molecular Biology</i> , 2018, 1604, 209-215.	0.4	12
47	Host Protein BAG3 is a Negative Regulator of Lassa VLP Egress. <i>Diseases (Basel, Switzerland)</i> , 2018, 6, 64.	1.0	11
48	Modular mimicry and engagement of the Hippo pathway by Marburg virus VP40: Implications for filovirus biology and budding. <i>PLoS Pathogens</i> , 2020, 16, e1008231.	2.1	11
49	Compound FC-10696 Inhibits Egress of Marburg Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0008621.	1.4	11
50	Ubiquitin Ligase SMURF2 Interacts with Filovirus VP40 and Promotes Egress of VP40 VLPs. <i>Viruses</i> , 2021, 13, 288.	1.5	10
51	Cytopathogenesis of Vesicular Stomatitis Virus Is Regulated by the PSAP Motif of M Protein in a Species-Dependent Manner. <i>Viruses</i> , 2012, 4, 1605-1618.	1.5	8
52	Ebola virus mediated infectivity is restricted in canine and feline cells. <i>Veterinary Microbiology</i> , 2016, 182, 102-107.	0.8	7
53	Improving Transient Transfection Efficiency in a Differentiated, Polar Epithelial Cell Layer. <i>Journal of Biomolecular Techniques</i> , 2019, 30, 19-24.	0.8	7
54	Micronutrient Improvement of Epithelial Barrier Function in Various Disease States: A Case for Adjuvant Therapy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2995.	1.8	6

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55	Virus Budding/Host Interactions. <i>Advances in Virology</i> , 2011, 2011, 1-2.	0.5	5
56	In Vivo Replication and Pathogenesis of Vesicular Stomatitis Virus Recombinant M40 Containing Ebola Virus L-Domain Sequences. <i>Infectious Diseases: Research and Treatment</i> , 2012, 5, IDRT.S10652.	0.7	3
57	Calcium and filoviruses: a budding relationship. <i>Future Microbiology</i> , 2016, 11, 713-715.	1.0	3
58	Angiotensin Counteracts the Negative Regulatory Effect of Host WWOX on Viral PPxY-Mediated Egress. <i>Journal of Virology</i> , 2021, 95, .	1.5	3
59	Phage display identification of nanomolar ligands for human NEDD4-WW3: Energetic and dynamic implications for the development of broad-spectrum antivirals. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 308-323.	3.6	3
60	WWOX-Mediated Degradation of AMOTp130 Negatively Affects Egress of Filovirus VP40 Virus-Like Particles. <i>Journal of Virology</i> , 2022, 96, jvi0202621.	1.5	2
61	Antiviral Strategies for Ebola Virus. , 2005, , 153-176.		0
62	ASSEMBLY AND BUDDING OF RHABDO- AND FILOVIRUSES. , 2015, , 171-197.		0