# Ronald N Harty

List of Publications by Year
in descending order



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|---|---|---|---|
| 62 papers | 3,293 citations | 136950 32 h-index | 149698 56 g-index |
| 67 all docs | 67 docs citations | 67 times ranked | 2710 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Debulking SARS-CoV-2 in saliva using angiotensin converting enzyme 2 in chewing gum to decrease oral virus transmission and infection. Molecular Therapy, 2022, 30, 1966-1978. | 8.2 | 39 |
| 2 | WWOX-Mediated Degradation of AMOTp130 Negatively Affects Egress of Filovirus VP40 Virus-Like Particles. Journal of Virology, 2022, 96, jvi0202621. | 3.4 | 2 |
| 3 | Micronutrient Improvement of Epithelial Barrier Function in Various Disease States: A Case for Adjuvant Therapy. International Journal of Molecular Sciences, 2022, 23, 2995. | 4.1 | 6 |
| 4 | Phage display identification of nanomolar ligands for human NEDD4-WW3: Energetic and dynamic implications for the development of broad-spectrum antivirals. International Journal of Biological Macromolecules, 2022, 207, 308-323. | 7.5 | 3 |
| 5 | Ubiquitin Ligase SMURF2 Interacts with Filovirus VP40 and Promotes Egress of VP40 VLPs. Viruses, 2021, 13, 288. | 3.3 | 10 |
| 6 | Angiomotin Counteracts the Negative Regulatory Effect of Host WWOX on Viral PPxY-Mediated Egress. Journal of Virology, 2021, 95, . | 3.4 | 3 |
| 7 | SARS-CoV-2 Envelope (E) protein interacts with PDZ-domain-2 of host tight junction protein ZO1. PLoS ONE, 2021, 16, e0251955. | 2.5 | 56 |
| 8 | Compound FC-10696 Inhibits Egress of Marburg Virus. Antimicrobial Agents and Chemotherapy, 2021, 65, e0008621. | 3.2 | 11 |
| 9 | Angiomotin regulates budding and spread of Ebola virus. Journal of Biological Chemistry, 2020, 295, 8596-8601. | 3.4 | 14 |
| 10 | Viruses go modular. Journal of Biological Chemistry, 2020, 295, 4604-4616. | 3.4 | 15 |
| 11 | Modular mimicry and engagement of the Hippo pathway by Marburg virus VP40: Implications for filovirus biology and budding. PLoS Pathogens, 2020, 16, e1008231. | 4.7 | 11 |
| 12 | Improving Transient Transfection Efficiency in a Differentiated, Polar Epithelial Cell Layer. Journal of Biomolecular Techniques, 2019, 30, 19-24. | 1.5 | 7 |
| 13 | Hemorrhagic Fever Virus Budding Studies. Methods in Molecular Biology, 2018, 1604, 209-215. | 0.9 | 12 |
| 14 | Host Protein BAG3 is a Negative Regulator of Lassa VLP Egress. Diseases (Basel, Switzerland), 2018, 6, 64. | 2.5 | 11 |
| 15 | Ubiquitin Ligase WWP1 Interacts with Ebola Virus VP40 To Regulate Egress. Journal of Virology, 2017, 91, . | 3.4 | 37 |
| 16 | Chaperone-Mediated Autophagy Protein BAG3 Negatively Regulates Ebola and Marburg VP40-Mediated Egress. PLoS Pathogens, 2017, 13, e1006132. | 4.7 | 43 |
| 17 | Quinoxaline-based inhibitors of Ebola and Marburg VP40 egress. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3429-3435. | 2.2 | 41 |
| 18 | Calcium and filoviruses: a budding relationship. Future Microbiology, 2016, 11, 713-715. | 2.0 | 3 |

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|---|---|---|---|
| 19 | ITCH E3 Ubiquitin Ligase Interacts with Ebola Virus VP40 To Regulate Budding. Journal of Virology, 2016, 90, 9163-9171. | 3.4 | 60 |
| 20 | Ebola virus mediated infectivity is restricted in canine and feline cells. Veterinary Microbiology, 2016, 182, 102-107. | 1.9 | 7 |
| 21 | The multifunctional Ebola virus VP40 matrix protein is a promising therapeutic target. Future Virology, 2015, 10, 537-546. | 1.8 | 51 |
| 22 | ALIX Rescues Budding of a Double PTAP/PPEY L-Domain Deletion Mutant of Ebola VP40: A Role for ALIX in Ebola Virus Egress. Journal of Infectious Diseases, 2015, 212, S138-S145. | 4.0 | 57 |
| 23 | ASSEMBLY AND BUDDING OF RHABDO- AND FILOVIRUSES. , 2015, , 171-197. | | 0 |
| 24 | Suppressor of Cytokine Signaling 3 Is an Inducible Host Factor That Regulates Virus Egress during Ebola Virus Infection. Journal of Virology, 2015, 89, 10399-10406. | 3.4 | 34 |
| 25 | Calcium Regulation of Hemorrhagic Fever Virus Budding: Mechanistic Implications for Host-Oriented Therapeutic Intervention. PLoS Pathogens, 2015, 11, e1005220. | 4.7 | 42 |
| 26 | Small-Molecule Probes Targeting the Viral PPxY-Host Nedd4 Interface Block Egress of a Broad Range of RNA Viruses. Journal of Virology, 2014, 88, 7294-7306. | 3.4 | 86 |
| 27 | A Host-Oriented Inhibitor of Junin Argentine Hemorrhagic Fever Virus Egress. Journal of Virology, 2014, 88, 4736-4743. | 3.4 | 41 |
| 28 | Host IQGAP1 and Ebola Virus VP40 Interactions Facilitate Virus-Like Particle Egress. Journal of Virology, 2013, 87, 7777-7780. | 3.4 | 68 |
| 29 | Cytopathogenesis of Vesicular Stomatitis Virus Is Regulated by the PSAP Motif of M Protein in a Species-Dependent Manner. Viruses, 2012, 4, 1605-1618. | 3.3 | 8 |
| 30 | In Vivo Replication and Pathogenesis of Vesicular Stomatitis Virus Recombinant M40 Containing Ebola Virus L-Domain Sequences. Infectious Diseases: Research and Treatment, 2012, 5, IDRT.S10652. | 1.7 | 3 |
| 31 | Rabies Virus Assembly and Budding. Advances in Virus Research, 2011, 79, 23-32. | 2.1 | 42 |
| 32 | Bimolecular Complementation to Visualize Filovirus VP40-Host Complexes in Live Mammalian Cells: Toward the Identification of Budding Inhibitors. Advances in Virology, 2011, 2011, 1-10. | 1.1 | 24 |
| 33 | Virus Budding/Host Interactions. Advances in Virology, 2011, 2011, 1-2. | 1.1 | 5 |
| 34 | Characterization of Filovirus Proteinâ€“Protein Interactions in Mammalian Cells Using Bimolecular Complementation. Journal of Infectious Diseases, 2011, 204, S817-S824. | 4.0 | 21 |
| 35 | Conserved Motifs within Ebola and Marburg Virus VP40 Proteins Are Important for Stability, Localization, and Subsequent Budding of Virus-Like Particles. Journal of Virology, 2010, 84, 2294-2303. | 3.4 | 49 |
| 36 | Viral and host proteins that modulate filovirus budding. Future Virology, 2010, 5, 481-491. | 1.8 | 29 |

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|---|---|---|---|
| 37 | Antiviral Activity of Innate Immune Protein ISG15. Journal of Innate Immunity, 2009, 1, 397-404. | 3.8 | 87 |
| 38 | No exit: Targeting the budding process to inhibit filovirus replication. Antiviral Research, 2009, 81, 189-197. | 4.1 | 62 |
| 39 | The YPLGVG sequence of the Nipah virus matrix protein is required for budding. Virology Journal, 2008, 5, 137. | 3.4 | 63 |
| 40 | ISG15 inhibits Ebola VP40 VLP budding in an L-domain-dependent manner by blocking Nedd4 ligase activity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3974-3979. | 7.1 | 245 |
| 41 | PPEY Motif within the Rabies Virus (RV) Matrix Protein Is Essential for Efficient Virion Release and RV Pathogenicity. Journal of Virology, 2008, 82, 9730-9738. | 3.4 | 76 |
| 42 | Role for Amino Acids <sub>212</sub> KLR <sub>214</sub> of Ebola Virus VP40 in Assembly and Budding. Journal of Virology, 2007, 81, 11452-11460. | 3.4 | 36 |
| 43 | Modifications of the PSAP region of the matrix protein lead to attenuation of vesicular stomatitis virus in vitro and in vivo. Journal of General Virology, 2007, 88, 2559-2567. | 2.9 | 21 |
| 44 | Permeabilization of the plasma membrane by Ebola virus GP2. Virus Genes, 2007, 34, 273-281. | 1.6 | 12 |
| 45 | Influence of calcium/calmodulin on budding of Ebola VLPs: implications for the involvement of the Ras/Raf/MEK/ERK pathway. Virus Genes, 2007, 35, 511-520. | 1.6 | 22 |
| 46 | Effect of Ebola virus proteins GP, NP and VP35 on VP40 VLP morphology. Virology Journal, 2006, 3, 31. | 3.4 | 68 |
| 47 | A luciferase-based budding assay for Ebola virus. Journal of Virological Methods, 2006, 137, 115-119. | 2.1 | 15 |
| 48 | Antiviral Strategies for Ebola Virus. , 2005, , 153-176. | | 0 |
| 49 | Functional characterization of Ebola virus L-domains using VSV recombinants. Virology, 2005, 336, 291-298. | 2.4 | 48 |
| 50 | L-Domain Flanking Sequences Are Important for Host Interactions and Efficient Budding of Vesicular Stomatitis Virus Recombinants. Journal of Virology, 2005, 79, 12617-12622. | 3.4 | 22 |
| 51 | Packaging of actin into Ebola virus VLPs. Virology Journal, 2005, 2, 92. | 3.4 | 47 |
| 52 | Budding of PPxY-Containing Rhabdoviruses Is Not Dependent on Host Proteins TGS101 and VPS4A. Journal of Virology, 2004, 78, 2657-2665. | 3.4 | 95 |
| 53 | Contribution of Ebola Virus Glycoprotein, Nucleoprotein, and VP24 to Budding of VP40 Virus-Like Particles. Journal of Virology, 2004, 78, 7344-7351. | 3.4 | 217 |
| 54 | Phospholipid Scramblase 1 Potentiates the Antiviral Activity of Interferon. Journal of Virology, 2004, 78, 8983-8993. | 3.4 | 107 |

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|---|---|---|---|
| 55 | The NS3 Protein of Bluetongue Virus Exhibits Viroporin-like Properties. Journal of Biological Chemistry, 2004, 279, 43092-43097. | 3.4 | 83 |
| 56 | Functional Analysis of Late-Budding Domain Activity Associated with the PSAP Motif within the Vesicular Stomatitis Virus M Protein. Journal of Virology, 2004, 78, 7823-7827. | 3.4 | 40 |
| 57 | Biochemical and Functional Characterization of the Ebola Virus VP24 Protein: Implications for a Role in Virus Assembly and Budding. Journal of Virology, 2003, 77, 1793-1800. | 3.4 | 118 |
| 58 | 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. Journal of Virology, 2003, 77, 1812-1819. | 3.4 | 255 |
| 59 | Rhabdoviruses and the Cellular Ubiquitin-Proteasome System: a Budding Interaction. Journal of Virology, 2001, 75, 10623-10629. | 3.4 | 185 |
| 60 | WW- and SH3-Domain Interactions with Epstein-Barr Virus LMP2A. Experimental Cell Research, 2000, 257, 332-340. | 2.6 | 29 |
| 61 | 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. Journal of Virology, 1999, 73, 2921-2929. | 3.4 | 249 |
| 62 | Late Domain Function Identified in the Vesicular Stomatitis Virus M Protein by Use of Rhabdovirus-Retrovirus Chimeras. Journal of Virology, 1999, 73, 3359-3365. | 3.4 | 126 |