

# Nolwenn Jouvenet

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

4,381  
citations

186265

28  
h-index

189892

50  
g-index

64  
all docs

64  
docs citations

64  
times ranked

7207  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. <i>Science</i> , 2020, 370, .   | 12.6 | 508       |
| 2  | Interplay between SARS-CoV-2 and the type I interferon response. <i>PLoS Pathogens</i> , 2020, 16, e1008737.   | 4.7  | 406       |
| 3  | Axl Mediates ZIKA Virus Entry in Human Glial Cells and Modulates Innate Immune Responses. <i>Cell Reports</i> , 2017, 18, 324-333.   | 6.4  | 361       |
| 4  | Broad-Spectrum Inhibition of Retroviral and Filoviral Particle Release by Tetherin. <i>Journal of Virology</i> , 2009, 83, 1837-1844.  | 3.4  | 347       |
| 5  | Plasma Membrane Is the Site of Productive HIV-1 Particle Assembly. <i>PLoS Biology</i> , 2006, 4, e435.  | 5.6  | 299       |
| 6  | Imaging the biogenesis of individual HIV-1 virions in live cells. <i>Nature</i> , 2008, 454, 236-240.  | 27.8 | 290       |
| 7  | HIV-1 Vpu Promotes Release and Prevents Endocytosis of Nascent Retrovirus Particles from the Plasma Membrane. <i>PLoS Pathogens</i> , 2006, 2, e39.  | 4.7  | 239       |
| 8  | Imaging the interaction of HIV-1 genomes and Gag during assembly of individual viral particles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19114-19119. | 7.1  | 233       |
| 9  | Dynamics of ESCRT protein recruitment during retroviral assembly. <i>Nature Cell Biology</i> , 2011, 13, 394-401.  | 10.3 | 198       |
| 10 | Zika virus induces massive cytoplasmic vacuolization and paraptosis-like death in infected cells. <i>EMBO Journal</i> , 2017, 36, 1653-1668.   | 7.8  | 118       |
| 11 | RIG-I Recognizes the 5' Region of Dengue and Zika Virus Genomes. <i>Cell Reports</i> , 2018, 24, 320-328.  | 6.4  | 94        |
| 12 | Transport of African Swine Fever Virus from Assembly Sites to the Plasma Membrane Is Dependent on Microtubules and Conventional Kinesin. <i>Journal of Virology</i> , 2004, 78, 7990-8001.                       | 3.4  | 93        |
| 13 | Zika virus enhances monocyte adhesion and transmigration favoring viral dissemination to neural cells. <i>Nature Communications</i> , 2019, 10, 4430.  | 12.8 | 83        |
| 14 | Stimulation of Innate Immunity by Host and Viral RNAs. <i>Trends in Immunology</i> , 2019, 40, 1134-1148.  | 6.8  | 80        |
| 15 | TIM-1 Ubiquitination Mediates Dengue Virus Entry. <i>Cell Reports</i> , 2018, 23, 1779-1793.   | 6.4  | 75        |
| 16 | Visualizing HIV-1 Assembly. <i>Journal of Molecular Biology</i> , 2011, 410, 501-511.  | 4.2  | 73        |
| 17 | African swine fever virus induces filopodia-like projections at the plasma membrane. <i>Cellular Microbiology</i> , 2006, 8, 1803-1811.  | 2.1  | 57        |
| 18 | Inhibition of HIV-1 Particle Assembly by 2',3'-Cyclic-Nucleotide 3'-Phosphodiesterase. <i>Cell Host and Microbe</i> , 2012, 12, 585-597.   | 11.0 | 54        |

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|----|---|------|-----------|
| 19 | LGP2 binds to PACT to regulate RIG-I and MDA5-mediated antiviral responses. <i>Science Signaling</i> , 2019, 12, .  | 3.6  | 51        |
| 20 | Viral entry route determines how human plasmacytoid dendritic cells produce type I interferons. <i>Science Signaling</i> , 2015, 8, ra25.   | 3.6  | 50        |
| 21 | Vaccine and Wild-Type Strains of Yellow Fever Virus Engage Distinct Entry Mechanisms and Differentially Stimulate Antiviral Immune Responses. <i>MBio</i> , 2016, 7, e01956-15.   | 4.1  | 50        |
| 22 | Cell biology of retroviral RNA packaging. <i>RNA Biology</i> , 2011, 8, 572-580.  | 3.1  | 49        |
| 23 | Linkage mapping of Hsa-1Og, a resistance gene of African rice to the cyst nematode, <i>Heterodera sacchari</i> . <i>Theoretical and Applied Genetics</i> , 2003, 107, 691-696.  | 3.6  | 36        |
| 24 | The Polyphenol-Rich Extract from <i>Psiloxylon mauritianum</i> , an Endemic Medicinal Plant from Reunion Island, Inhibits the Early Stages of Dengue and Zika Virus Infection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1860. | 4.1  | 36        |
| 25 | Immature particles and capsid-free viral RNA produced by Yellow fever virus-infected cells stimulate plasmacytoid dendritic cells to secrete interferons. <i>Scientific Reports</i> , 2018, 8, 10889.   | 3.3  | 34        |
| 26 | <i>DI-tector</i> : defective interfering viral genomes™ detector for next-generation sequencing data. <i>Rna</i> , 2018, 24, 1285-1296.   | 3.5  | 33        |
| 27 | Atlastin Endoplasmic Reticulum-Shaping Proteins Facilitate Zika Virus Replication. <i>Journal of Virology</i> , 2019, 93, .   | 3.4  | 33        |
| 28 | Dynamics of ESCRT proteins. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 4121-4133.  | 5.4  | 32        |
| 29 | Extract from <i>Aphloia theiformis</i> , an edible indigenous plant from Reunion Island, impairs Zika virus attachment to the host cell surface. <i>Scientific Reports</i> , 2018, 8, 10856.  | 3.3  | 31        |
| 30 | The Betaretrovirus Mason-Pfizer Monkey Virus Selectively Excludes Simian APOBEC3G from Virion Particles. <i>Journal of Virology</i> , 2006, 80, 12102-12108.  | 3.4  | 30        |
| 31 | A virus-derived microRNA targets immune response genes during SARS-CoV-2 infection. <i>EMBO Reports</i> , 2022, 23, e54341.   | 4.5  | 30        |
| 32 | African swine fever virus infection disrupts centrosome assembly and function. <i>Journal of General Virology</i> , 2005, 86, 589-594.  | 2.9  | 28        |
| 33 | Oncolytic measles virus induces tumor necrosis factor-related apoptosis-inducing ligand (TRAIL)-mediated cytotoxicity by human myeloid and plasmacytoid dendritic cells. <i>OncoImmunology</i> , 2017, 6, e1261240.                                 | 4.6  | 25        |
| 34 | Identification of DAXX as a restriction factor of SARS-CoV-2 through a CRISPR/Cas9 screen. <i>Nature Communications</i> , 2022, 13, 2442.   | 12.8 | 25        |
| 35 | Midgut barriers prevent the replication and dissemination of the yellow fever vaccine in <i>Aedes aegypti</i> . <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007299.   | 3.0  | 22        |
| 36 | Uncovering Flavivirus Host Dependency Factors through a Genome-Wide Gain-of-Function Screen. <i>Viruses</i> , 2019, 11, 68.   | 3.3  | 21        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 37 | The Inflammasome Components NLRP3 and ASC Act in Concert with IRGM To Rearrange the Golgi Apparatus during Hepatitis C Virus Infection. <i>Journal of Virology</i> , 2021, 95, .   | 3.4  | 19        |
| 38 | Examination of type material of two species of <i>Litomosoides</i> (Filarioidea : Onchocercidae), parasites from bats ; taxonomic consequences. <i>Parasite</i> , 2003, 10, 211-218.   | 2.0  | 17        |
| 39 | Retinoic Acid Inducible Gene I and Protein Kinase R, but Not Stress Granules, Mediate the Proinflammatory Response to Yellow Fever Virus. <i>Journal of Virology</i> , 2020, 94, .   | 3.4  | 15        |
| 40 | The Amino-Terminal Region of Hepatitis E Virus ORF1 Containing a Methyltransferase (Met) and a Papain-Like Cysteine Protease (PCP) Domain Counteracts Type I Interferon Response. <i>Viruses</i> , 2018, 10, 726.                    | 3.3  | 14        |
| 41 | Characterization of the Anti-Hepatitis C Virus Activity of New Nonpeptidic Small-Molecule Cyclophilin Inhibitors with the Potential for Broad Anti-Flaviviridae Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, . | 3.2  | 12        |
| 42 | ddPCR increases detection of SARS-CoV-2 RNA in patients with low viral loads. <i>Archives of Virology</i> , 2021, 166, 2529-2540.  | 2.1  | 10        |
| 43 | Clash of the titans: interferons and SARS-CoV-2. <i>Trends in Immunology</i> , 2021, 42, 1069-1072.  | 6.8  | 10        |
| 44 | Species-Specific Molecular Barriers to SARS-CoV-2 Replication in Bat Cells. <i>Journal of Virology</i> , 2022, 96, .   | 3.4  | 10        |
| 45 | First report of <i>Litomosa</i> spp. (Nematoda: Filarioidea) from malagasy bats; review of the genus and relationships between species. <i>Parasite</i> , 2006, 13, 3-10.  | 2.0  | 8         |
| 46 | Zika Virus Requires the Expression of Claudin-7 for Optimal Replication in Human Endothelial Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 746589.   | 3.5  | 6         |
| 47 | Discovery of Genes that Modulate Flavivirus Replication in an Interferon-Dependent Manner. <i>Journal of Molecular Biology</i> , 2022, 434, 167277.  | 4.2  | 6         |
| 48 | Viral Houseguests Undertake Interior Redesign. <i>Cell</i> , 2010, 141, 754-756.   | 28.9 | 2         |
| 49 | Genomic diversity contributes to the neuroinvasiveness of the Yellow fever French neurotropic vaccine. <i>Npj Vaccines</i> , 2021, 6, 64.  | 6.0  | 2         |
| 50 | Visualizing The Biogenesis Of Individual Hiv-1 Virions In Live Cells. <i>Biophysical Journal</i> , 2009, 96, 420a.   | 0.5  | 0         |
| 51 | Editorial: Balanced and Unbalanced Immune Response to Dengue Virus in Disease Protection and Pathogenesis. <i>Frontiers in Immunology</i> , 2022, 13, 835731.  | 4.8  | 0         |