

# Marie Galloux

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,563  
citations

471061  
17  
h-index

552369  
26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2308  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Characterization of the Interaction Domains between the Phosphoprotein and the Nucleoprotein of Human Metapneumovirus. <i>Journal of Virology</i> , 2022, 96, JVI0090921.   | 1.5  | 4         |
| 2  | New Look at RSV Infection: Tissue Clearing and 3D Imaging of the Entire Mouse Lung at Cellular Resolution. <i>Viruses</i> , 2021, 13, 201.  | 1.5  | 5         |
| 3  | Tetramerization of Phosphoprotein Is Essential for Respiratory Syncytial Virus Budding while Its N-Terminal Region Mediates Direct Interactions with the Matrix Protein. <i>Journal of Virology</i> , 2021, 95, . | 1.5  | 15        |
| 4  | A condensate-hardening drug blocks RSV replication in vivo. <i>Nature</i> , 2021, 595, 596-599.   | 13.7 | 121       |
| 5  | A Structural and Dynamic Analysis of the Partially Disordered Polymerase-Binding Domain in RSV Phosphoprotein. <i>Biomolecules</i> , 2021, 11, 1225.  | 1.8  | 6         |
| 6  | Depletion of TAX1BP1 Amplifies Innate Immune Responses during Respiratory Syncytial Virus Infection. <i>Journal of Virology</i> , 2021, 95, e0091221.   | 1.5  | 6         |
| 7  | Avian Cell Line DuckCelt®-T17 Is an Efficient Production System for Live-Attenuated Human Metapneumovirus Vaccine Candidate Metavac®. <i>Vaccines</i> , 2021, 9, 1190.  | 2.1  | 6         |
| 8  | Interactions between the Nucleoprotein and the Phosphoprotein of Pneumoviruses: Structural Insight for Rational Design of Antivirals. <i>Viruses</i> , 2021, 13, 2449.  | 1.5  | 7         |
| 9  | Respiratory syncytial virus tropism for olfactory sensory neurons in mice. <i>Journal of Neurochemistry</i> , 2020, 155, 137-153.   | 2.1  | 35        |
| 10 | Targeting the Respiratory Syncytial Virus N O -P Complex with Constrained Î±-Helical Peptides in Cells and Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .                                       | 1.4  | 5         |
| 11 | Minimal Elements Required for the Formation of Respiratory Syncytial Virus Cytoplasmic Inclusion Bodies <i>In Vivo</i> and <i>In Vitro</i> . <i>MBio</i> , 2020, 11, .  | 1.8  | 65        |
| 12 | De novo protein design enables the precise induction of RSV-neutralizing antibodies. <i>Science</i> , 2020, 368, .  | 6.0  | 137       |
| 13 | Biochemical characterization of the respiratory syncytial virus N0-P complex in solution. <i>Journal of Biological Chemistry</i> , 2019, 294, 3647-3660.  | 1.6  | 22        |
| 14 | Boosting subdominant neutralizing antibody responses with a computationally designed epitope-focused immunogen. <i>PLoS Biology</i> , 2019, 17, e3000164.   | 2.6  | 26        |
| 15 | Broad-spectrum non-toxic antiviral nanoparticles with a virucidal inhibition mechanism. <i>Nature Materials</i> , 2018, 17, 195-203.  | 13.3 | 331       |
| 16 | RSV hijacks cellular protein phosphatase 1 to regulate M2-1 phosphorylation and viral transcription. <i>PLoS Pathogens</i> , 2018, 14, e1006920.  | 2.1  | 57        |
| 17 | New Insights into Structural Disorder in Human Respiratory Syncytial Virus Phosphoprotein and Implications for Binding of Protein Partners. <i>Journal of Biological Chemistry</i> , 2017, 292, 2120-2131.        | 1.6  | 49        |
| 18 | A Short Double-Stapled Peptide Inhibits Respiratory Syncytial Virus Entry and Spreading. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .   | 1.4  | 35        |

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|----|---|-----|-----------|
| 19 | Functional organization of cytoplasmic inclusion bodies in cells infected by respiratory syncytial virus. <i>Nature Communications</i> , 2017, 8, 563.  | 5.8 | 141       |
| 20 | Interactome Analysis of the Human Respiratory Syncytial Virus RNA Polymerase Complex Identifies Protein Chaperones as Important Cofactors That Promote L-Protein Stability and RNA Synthesis. <i>Journal of Virology</i> , 2015, 89, 917-930. | 1.5 | 65        |
| 21 | Fine Mapping and Characterization of the L-Polymerase-Binding Domain of the Respiratory Syncytial Virus Phosphoprotein. <i>Journal of Virology</i> , 2015, 89, 4421-4433.   | 1.5 | 45        |
| 22 | Identification and Characterization of the Binding Site of the Respiratory Syncytial Virus Phosphoprotein to RNA-Free Nucleoprotein. <i>Journal of Virology</i> , 2015, 89, 3484-3496.  | 1.5 | 60        |
| 23 | A Druggable Pocket at the Nucleocapsid/Phosphoprotein Interaction Site of Human Respiratory Syncytial Virus. <i>Journal of Virology</i> , 2015, 89, 11129-11143.  | 1.5 | 56        |
| 24 | Visualizing the replication of respiratory syncytial virus in cells and in living mice. <i>Nature Communications</i> , 2014, 5, 5104.   | 5.8 | 102       |
| 25 | The respiratory syncytial virus nucleoprotein-RNA complex forms a left-handed helical nucleocapsid. <i>Journal of General Virology</i> , 2013, 94, 1734-1738.   | 1.3 | 90        |
| 26 | Characterization of a Viral Phosphoprotein Binding Site on the Surface of the Respiratory Syncytial Nucleoprotein. <i>Journal of Virology</i> , 2012, 86, 8375-8387.  | 1.5 | 64        |