

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	Broad-spectrum non-toxic antiviral nanoparticles with a virucidal inhibition mechanism. <i>Nature Materials</i> , 2018, 17, 195-203.	13.3	331
2	Functional organization of cytoplasmic inclusion bodies in cells infected by respiratory syncytial virus. <i>Nature Communications</i> , 2017, 8, 563.	5.8	141
3	De novo protein design enables the precise induction of RSV-neutralizing antibodies. <i>Science</i> , 2020, 368, .	6.0	137
4	A condensate-hardening drug blocks RSV replication in vivo. <i>Nature</i> , 2021, 595, 596-599.	13.7	121
5	Visualizing the replication of respiratory syncytial virus in cells and in living mice. <i>Nature Communications</i> , 2014, 5, 5104.	5.8	102
6	The respiratory syncytial virus nucleoproteinâ€“RNA complex forms a left-handed helical nucleocapsid. <i>Journal of General Virology</i> , 2013, 94, 1734-1738.	1.3	90
7	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
8	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
9	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
10	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
11	RSV hijacks cellular protein phosphatase 1 to regulate M2-1 phosphorylation and viral transcription. <i>PLoS Pathogens</i> , 2018, 14, e1006920.	2.1	57
12	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
13	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
14	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
15	A Short Double-Stapled Peptide Inhibits Respiratory Syncytial Virus Entry and Spreading. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	35
16	Respiratory syncytial virus tropism for olfactory sensory neurons in mice. <i>Journal of Neurochemistry</i> , 2020, 155, 137-153.	2.1	35
17	Boosting subdominant neutralizing antibody responses with a computationally designed epitope-focused immunogen. <i>PLoS Biology</i> , 2019, 17, e3000164.	2.6	26
18	Biochemical characterization of the respiratory syncytial virus NO-P complex in solution. <i>Journal of Biological Chemistry</i> , 2019, 294, 3647-3660.	1.6	22

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19	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
20	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
21	A Structural and Dynamic Analysis of the Partially Disordered Polymerase-Binding Domain in RSV Phosphoprotein. <i>Biomolecules</i> , 2021, 11, 1225.	1.8	6
22	Depletion of TAX1BP1 Amplifies Innate Immune Responses during Respiratory Syncytial Virus Infection. <i>Journal of Virology</i> , 2021, 95, e0091221.	1.5	6
23	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
24	Targeting the Respiratory Syncytial Virus N 0 -P Complex with Constrained Î±-Helical Peptides in Cells and Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	5
25	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
26	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