

# Christopher John Neufeldt

## List of Publications by Citations

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33  
papers

1,742  
citations

18  
h-index

34  
g-index

34  
ext. papers

2,685  
ext. citations

11.6  
avg, IF

4.98  
L-index

#	Paper	IF	Citations
33	Structures and distributions of SARS-CoV-2 spike proteins on intact virions. <i>Nature</i> , <b>2020</b> , 588, 498-502	50.4	461
32	SARS-CoV-2 structure and replication characterized by in situ cryo-electron tomography. <i>Nature Communications</i> , <b>2020</b> , 11, 5885	17.4	230
31	Ultrastructural Characterization of Zika Virus Replication Factories. <i>Cell Reports</i> , <b>2017</b> , 18, 2113-2123	10.6	182
30	Rewiring cellular networks by members of the Flaviviridae family. <i>Nature Reviews Microbiology</i> , <b>2018</b> , 16, 125-142	22.2	167
29	Dengue Virus Perturbs Mitochondrial Morphodynamics to Dampen Innate Immune Responses. <i>Cell Host and Microbe</i> , <b>2016</b> , 20, 342-356	23.4	146
28	Integrative Imaging Reveals SARS-CoV-2-Induced Reshaping of Subcellular Morphologies. <i>Cell Host and Microbe</i> , <b>2020</b> , 28, 853-866.e5	23.4	76
27	The Hepatitis C Virus-Induced Membranous Web and Associated Nuclear Transport Machinery Limit Access of Pattern Recognition Receptors to Viral Replication Sites. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005428	7.6	72
26	Hepatitis C virus-induced cytoplasmic organelles use the nuclear transport machinery to establish an environment conducive to virus replication. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003744	7.6	49
25	SARS-CoV-2 infection induces a pro-inflammatory cytokine response through cGAS-STING and NF- $\kappa$ B		34
24	A novel interaction between dengue virus nonstructural protein 1 and the NS4A-2K-4B precursor is required for viral RNA replication but not for formation of the membranous replication organelle. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007736	7.6	33
23	Challenges for Targeting SARS-CoV-2 Proteases as a Therapeutic Strategy for COVID-19. <i>ACS Infectious Diseases</i> , <b>2021</b> , 7, 1457-1468	5.5	33
22	SARS-CoV-2 structure and replication characterized by in situ cryo-electron tomography		31
21	ER-shaping atlastin proteins act as central hubs to promote flavivirus replication and virion assembly. <i>Nature Microbiology</i> , <b>2019</b> , 4, 2416-2429	26.6	28
20	A Reverse Genetics System for Zika Virus Based on a Simple Molecular Cloning Strategy. <i>Viruses</i> , <b>2018</b> , 10,	6.2	27
19	Global analysis of protein-RNA interactions in SARS-CoV-2-infected cells reveals key regulators of infection. <i>Molecular Cell</i> , <b>2021</b> , 81, 2851-2867.e7	17.6	27
18	Structures, conformations and distributions of SARS-CoV-2 spike protein trimers on intact virions		25
17	Functional characterization of nuclear localization and export signals in hepatitis C virus proteins and their role in the membranous web. <i>PLoS ONE</i> , <b>2014</b> , 9, e114629	3.7	23

16	Hepatitis C Virus Replication. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2020</b> , 10,	5.4	19
15	SARS-CoV-2 infection induces a pro-inflammatory cytokine response through cGAS-STING and NF- $\kappa$ B. <i>Communications Biology</i> , <b>2022</b> , 5, 45	6.7	15
14	A Versatile Reporter System To Monitor Virus-Infected Cells and Its Application to Dengue Virus and SARS-CoV-2. <i>Journal of Virology</i> , <b>2021</b> , 95,	6.6	11
13	Evaluation of accuracy, exclusivity, limit-of-detection and ease-of-use of LumiraDx $\square$ An antigen-detecting point-of-care device for SARS-CoV-2. <i>Infection</i> , <b>2021</b> , 1	5.8	11
12	A Non-Replicative Role of the 3aTerminal Sequence of the Dengue Virus Genome in Membranous Replication Organelle Formation. <i>Cell Reports</i> , <b>2020</b> , 32, 107859	10.6	10
11	Microscopy-based assay for semi-quantitative detection of SARS-CoV-2 specific antibodies in human sera: A semi-quantitative, high throughput, microscopy-based assay expands existing approaches to measure SARS-CoV-2 specific antibody levels in human sera. <i>BioEssays</i> , <b>2021</b> , 43, e2000257	4.1	10
10	Microscopy-based assay for semi-quantitative detection of SARS-CoV-2 specific antibodies in human sera		6
9	Global analysis of protein-RNA interactions in SARS-CoV-2 infected cells reveals key regulators of infection		6
8	Replication-Independent Generation and Morphological Analysis of Flavivirus Replication Organelles. <i>STAR Protocols</i> , <b>2020</b> , 1, 100173	1.4	4
7	The FDA-approved drug cobicistat synergizes with remdesivir to inhibit SARS-CoV-2 replication		3
6	Exploiting a chink in the armor: engineering broadly neutralizing monoclonal antibodies for SARS-like viruses. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 232	21	1
5	The FDA-Approved Drug Cobicistat Synergizes with Remdesivir To Inhibit SARS-CoV-2 Replication and Decreases Viral Titers and Disease Progression in Syrian Hamsters.. <i>MBio</i> , <b>2022</b> , e0370521	7.8	1
4	Convergent use of phosphatidic acid for hepatitis C virus and SARS-CoV-2 replication organelle formation.. <i>Nature Communications</i> , <b>2021</b> , 12, 7276	17.4	1
3	Determinants in Nonstructural Protein 4A of Dengue Virus Required for RNA Replication and Replication Organelle Biogenesis. <i>Journal of Virology</i> , <b>2021</b> , 95, e0131021	6.6	0
2	ER-Shaping Atlastin Proteins Act as Central Hubs to Promote Flavivirus Replication and Virion Assembly. <i>Proceedings (mdpi)</i> , <b>2020</b> , 50, 31	0.3	
1	A Novel System to Study Dengue Virus Replication Organelle Formation Independent from Viral RNA Replication. <i>Proceedings (mdpi)</i> , <b>2020</b> , 50, 139	0.3	