

Christopher John Neufeldt

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

3,422
citations

361045

20
h-index

610482

24
g-index

34
all docs

34
docs citations

34
times ranked

5785
citing authors

#	ARTICLE	IF	CITATIONS
1	Structures and distributions of SARS-CoV-2 spike proteins on intact virions. <i>Nature</i> , 2020, 588, 498-502.	13.7	918
2	SARS-CoV-2 structure and replication characterized by in situ cryo-electron tomography. <i>Nature Communications</i> , 2020, 11, 5885.	5.8	514
3	Rewiring cellular networks by members of the Flaviviridae family. <i>Nature Reviews Microbiology</i> , 2018, 16, 125-142.	13.6	283
4	Ultrastructural Characterization of Zika Virus Replication Factories. <i>Cell Reports</i> , 2017, 18, 2113-2123.	2.9	274
5	Integrative Imaging Reveals SARS-CoV-2-Induced Reshaping of Subcellular Morphologies. <i>Cell Host and Microbe</i> , 2020, 28, 853-866.e5.	5.1	213
6	Dengue Virus Perturbs Mitochondrial Morphodynamics to Dampen Innate Immune Responses. <i>Cell Host and Microbe</i> , 2016, 20, 342-356.	5.1	207
7	SARS-CoV-2 infection induces a pro-inflammatory cytokine response through cGAS-STING and NF- κ B. <i>Communications Biology</i> , 2022, 5, 45.	2.0	133
8	Global analysis of protein-RNA interactions in SARS-CoV-2-infected cells reveals key regulators of infection. <i>Molecular Cell</i> , 2021, 81, 2851-2867.e7.	4.5	108
9	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> , 2016, 12, e1005428.	2.1	90
10	Challenges for Targeting SARS-CoV-2 Proteases as a Therapeutic Strategy for COVID-19. <i>ACS Infectious Diseases</i> , 2021, 7, 1457-1468.	1.8	75
11	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> , 2019, 15, e1007736.	2.1	70
12	ER-shaping atlastin proteins act as central hubs to promote flavivirus replication and virion assembly. <i>Nature Microbiology</i> , 2019, 4, 2416-2429.	5.9	59
13	Hepatitis C Virus-Induced Cytoplasmic Organelles Use the Nuclear Transport Machinery to Establish an Environment Conducive to Virus Replication. <i>PLoS Pathogens</i> , 2013, 9, e1003744.	2.1	56
14	Convergent use of phosphatidic acid for hepatitis C virus and SARS-CoV-2 replication organelle formation. <i>Nature Communications</i> , 2021, 12, 7276.	5.8	37
15	A Reverse Genetics System for Zika Virus Based on a Simple Molecular Cloning Strategy. <i>Viruses</i> , 2018, 10, 368.	1.5	36
16	Hepatitis C Virus Replication. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a037093.	2.9	36
17	Evaluation of accuracy, exclusivity, limit-of-detection and ease-of-use of LumiraDx, C : An antigen-detecting point-of-care device for SARS-CoV-2. <i>Infection</i> , 2022, 50, 395-406.	2.3	32
18	Functional Characterization of Nuclear Localization and Export Signals in Hepatitis C Virus Proteins and Their Role in the Membranous Web. <i>PLoS ONE</i> , 2014, 9, e114629.	1.1	26

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19	A Non-Replicative Role of the 3'UTR Terminal Sequence of the Dengue Virus Genome in Membranous Replication Organelle Formation. <i>Cell Reports</i> , 2020, 32, 107859.	2.9	23
20	Microscopy-based assay for semi-quantitative detection of SARS-CoV-2 specific antibodies in human sera. <i>BioEssays</i> , 2021, 43, e2000257.	1.2	22
21	The FDA-Approved Drug Cobicistat Synergizes with Remdesivir To Inhibit SARS-CoV-2 Replication <i>In Vitro</i> and Decreases Viral Titers and Disease Progression in Syrian Hamsters. <i>MBio</i> , 2022, 13, e0370521.	1.8	22
22	A Versatile Reporter System To Monitor Virus-Infected Cells and Its Application to Dengue Virus and SARS-CoV-2. <i>Journal of Virology</i> , 2021, 95, .	1.5	21
23	Replication-Independent Generation and Morphological Analysis of Flavivirus Replication Organelles. <i>STAR Protocols</i> , 2020, 1, 100173.	0.5	10
24	Determinants in Nonstructural Protein 4A of Dengue Virus Required for RNA Replication and Replication Organelle Biogenesis. <i>Journal of Virology</i> , 2021, 95, e0131021.	1.5	10
25	Exploiting a chink in the armor: engineering broadly neutralizing monoclonal antibodies for SARS-like viruses. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 232.	7.1	1
26	A Novel System to Study Dengue Virus Replication Organelle Formation Independent from Viral RNA Replication. <i>Proceedings (mdpi)</i> , 2020, 50, .	0.2	0
27	ER-Shaping Atlastin Proteins Act as Central Hubs to Promote Flavivirus Replication and Virion Assembly. <i>Proceedings (mdpi)</i> , 2020, 50, .	0.2	0