

Mirko Cortese

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

4,494
citations

270111

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340414

39
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52
docs citations

52
times ranked

8298
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 variants of concern display enhanced intrinsic pathogenic properties and expanded organotropism in mouse models. <i>Cell Reports</i> , 2022, 38, 110387.	2.9	32
2	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
3	A protocol for full-rotation soft X-ray tomography of single cells. <i>STAR Protocols</i> , 2022, 3, 101176.	0.5	20
4	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
5	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
6	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
7	Advanced microscopy technologies enable rapid response to SARS-CoV-2 pandemic. <i>Cellular Microbiology</i> , 2021, 23, e13319.	1.1	7
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	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
10	Prevalence of SARS-CoV-2 Infection in Children and Their Parents in Southwest Germany. <i>JAMA Pediatrics</i> , 2021, 175, 586.	3.3	124
11	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
12	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
13	The Biogenesis of Dengue Virus Replication Organelles Requires the ATPase Activity of Valosin-Containing Protein. <i>Viruses</i> , 2021, 13, 2092.	1.5	10
14	Using soft X-ray tomography for rapid whole-cell quantitative imaging of SARS-CoV-2-infected cells. <i>Cell Reports Methods</i> , 2021, 1, 100117.	1.4	26
15	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
16	Characterization of pUL5, an HCMV protein interacting with the cellular protein IQGAP1. <i>Virology</i> , 2020, 540, 57-65.	1.1	4
17	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
18	SARS-CoV-2 structure and replication characterized by in situ cryo-electron tomography. <i>Nature Communications</i> , 2020, 11, 5885.	5.8	514

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19	A Novel System to Study Dengue Virus Replication Organelle Formation Independent from Viral RNA Replication. <i>Proceedings (mdpi)</i> , 2020, 50, .	0.2	0
20	Replication-Independent Generation and Morphological Analysis of Flavivirus Replication Organelles. <i>STAR Protocols</i> , 2020, 1, 100173.	0.5	10
21	Structures and distributions of SARS-CoV-2 spike proteins on intact virions. <i>Nature</i> , 2020, 588, 498-502.	13.7	918
22	Critical Role of Type III Interferon in Controlling SARS-CoV-2 Infection in Human Intestinal Epithelial Cells. <i>Cell Reports</i> , 2020, 32, 107863.	2.9	295
23	ER-Shaping Atlastin Proteins Act as Central Hubs to Promote Flavivirus Replication and Virion Assembly. <i>Proceedings (mdpi)</i> , 2020, 50, .	0.2	0
24	A Non-Replicative Role of the 3' Terminal Sequence of the Dengue Virus Genome in Membranous Replication Organelle Formation. <i>Cell Reports</i> , 2020, 32, 107859.	2.9	23
25	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
26	Spatiotemporal Coupling of the Hepatitis C Virus Replication Cycle by Creating a Lipid Droplet-Proximal Membranous Replication Compartment. <i>Cell Reports</i> , 2019, 27, 3602-3617.e5.	2.9	86
27	Reciprocal Effects of Fibroblast Growth Factor Receptor Signaling on Dengue Virus Replication and Virion Production. <i>Cell Reports</i> , 2019, 27, 2579-2592.e6.	2.9	17
28	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
29	Rewiring cellular networks by members of the Flaviviridae family. <i>Nature Reviews Microbiology</i> , 2018, 16, 125-142.	13.6	283
30	An orthogonal proteomic survey uncovers novel Zika virus host factors. <i>Nature</i> , 2018, 561, 253-257.	13.7	156
31	A Reverse Genetics System for Zika Virus Based on a Simple Molecular Cloning Strategy. <i>Viruses</i> , 2018, 10, 368.	1.5	36
32	Semen inhibits Zika virus infection of cells and tissues from the anogenital region. <i>Nature Communications</i> , 2018, 9, 2207.	5.8	41
33	Ultrastructural Characterization of Zika Virus Replication Factories. <i>Cell Reports</i> , 2017, 18, 2113-2123.	2.9	274
34	Membrane alterations induced by nonstructural proteins of human norovirus. <i>PLoS Pathogens</i> , 2017, 13, e1006705.	2.1	64
35	Human cytomegalovirus pUL10 interacts with leukocytes and impairs TCR-mediated T cell activation. <i>Immunology and Cell Biology</i> , 2016, 94, 849-860.	1.0	12
36	Dengue Virus Perturbs Mitochondrial Morphodynamics to Dampen Innate Immune Responses. <i>Cell Host and Microbe</i> , 2016, 20, 342-356.	5.1	207

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37	Correlative light and electron microscopy methods for the study of virus-cell interactions. FEBS Letters, 2016, 590, 1877-1895.	1.3	71
38	The Human Cytomegalovirus <i>UL116</i> Gene Encodes an Envelope Glycoprotein Forming a Complex with gH Independently from gL. Journal of Virology, 2016, 90, 4926-4938.	1.5	32
39	A Combined Genetic-Proteomic Approach Identifies Residues within Dengue Virus NS4B Critical for Interaction with NS3 and Viral Replication. Journal of Virology, 2015, 89, 7170-7186.	1.5	56
40	Lessons from Reverse Vaccinology for viral vaccine design. Current Opinion in Virology, 2015, 11, 89-97.	2.6	33
41	Dengue Virus Non-structural Protein 1 Modulates Infectious Particle Production via Interaction with the Structural Proteins. PLoS Pathogens, 2015, 11, e1005277.	2.1	165
42	Recombinant Human Cytomegalovirus (HCMV) RL13 Binds Human Immunoglobulin G Fc. PLoS ONE, 2012, 7, e50166.	1.1	48
43	Prevalence of SARS-CoV-2 Infection in Children and Their Parents in Southwest Germany. SSRN Electronic Journal, 0, , .	0.4	6