

# Clarissa Villinger

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

848  
citations

840119

11  
h-index

713013

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1474  
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 infects and replicates in cells of the human endocrine and exocrine pancreas. <i>Nature Metabolism</i> , 2021, 3, 149-165.	5.1	378
2	FIB/SEM tomography with TEM-like resolution for 3D imaging of high-pressure frozen cells. <i>Histochemistry and Cell Biology</i> , 2012, 138, 549-556.	0.8	93
3	Analysis of human cytomegalovirus secondary envelopment by advanced electron microscopy. <i>Cellular Microbiology</i> , 2013, 15, 305-314.	1.1	57
4	Three-Dimensional Imaging of Adherent Cells using FIB/SEM and STEM. <i>Methods in Molecular Biology</i> , 2014, 1117, 617-638.	0.4	42
5	3D Analysis of HCMV Induced-Nuclear Membrane Structures by FIB/SEM Tomography: Insight into an Unprecedented Membrane Morphology. <i>Viruses</i> , 2015, 7, 5686-5704.	1.5	36
6	Role of mutations and post-translational modifications in systemic AL amyloidosis studied by cryo-EM. <i>Nature Communications</i> , 2021, 12, 6434.	5.8	36
7	Supramolecular Mechanism of Viral Envelope Disruption by Molecular Tweezers. <i>Journal of the American Chemical Society</i> , 2020, 142, 17024-17038.	6.6	31
8	A Tyrosine-Based Trafficking Motif of the Tegument Protein pUL71 Is Crucial for Human Cytomegalovirus Secondary Envelopment. <i>Journal of Virology</i> , 2018, 92, .	1.5	30
9	Regulation of Human Cytomegalovirus Secondary Envelopment by a C-Terminal Tetralysine Motif in pUL71. <i>Journal of Virology</i> , 2019, 93, .	1.5	23
10	Formation and mosaicity of coccolith segment calcite of the marine algae <i>Emiliana huxleyi</i> . <i>Journal of Phycology</i> , 2018, 54, 85-104.	1.0	21
11	Human Cytomegalovirus pUL47 Modulates Tegumentation and Capsid Accumulation at the Viral Assembly Complex. <i>Journal of Virology</i> , 2015, 89, 7314-7328.	1.5	19
12	The Human Cytomegalovirus Nonstructural Glycoprotein UL148 Reorganizes the Endoplasmic Reticulum. <i>MBio</i> , 2019, 10, .	1.8	15
13	Improved automatic detection of herpesvirus secondary envelopment stages in electron microscopy by augmenting training data with synthetic labelled images generated by a generative adversarial network. <i>Cellular Microbiology</i> , 2021, 23, e13280.	1.1	10
14	The Autophagy-Initiating Protein Kinase ULK1 Phosphorylates Human Cytomegalovirus Tegument Protein pp28 and Regulates Efficient Virus Release. <i>Journal of Virology</i> , 2021, 95, .	1.5	10
15	Megapinocytosis: a novel endocytic pathway. <i>Histochemistry and Cell Biology</i> , 2016, 145, 617-627.	0.8	9
16	The Molecular Tweezer CLR01 Inhibits Antibody-Resistant Cell-to-Cell Spread of Human Cytomegalovirus. <i>Viruses</i> , 2021, 13, 1685.	1.5	9
17	Quantitative Electron Microscopy to Study HCMV Morphogenesis. <i>Methods in Molecular Biology</i> , 2021, 2244, 265-289.	0.4	7
18	Three-Dimensional Visualization of Virus-Infected Cells by Serial Sectioning: An Electron Microscopic Study Using Resin Embedded Cells. <i>Methods in Molecular Biology</i> , 2013, 1064, 227-237.	0.4	7

#	ARTICLE	IF	CITATIONS
19	Dual signaling via interferon and DNA damage response elicits entrapment by giant PML nuclear bodies. <i>ELife</i> , 2022, 11, .	2.8	7
20	Viral Transduction Enhancing Effect of EFâ€¦ Peptide Nanofibrils Is Mediated by Cellular Protrusions. <i>Advanced Functional Materials</i> , 2021, 31, 2104814.	7.8	6
21	A Luciferase Gene Driven by an Alphaherpesviral Promoter Also Responds to Immediate Early Antigens of the Betaherpesvirus HCMV, Allowing Comparative Analyses of Different Human Herpesviruses in One Reporter Cell Line. <i>PLoS ONE</i> , 2017, 12, e0169580.	1.1	1
22	Three-Dimensional Visualization of Herpesvirus Envelopment at High Resolution Using STEM Tomography and Serial Sectioning on High Pressure Frozen/Freeze-Substituted Cells. <i>Microscopy and Microanalysis</i> , 2015, 21, 903-904.	0.2	0