

# Carola Busch

## List of Publications by Year in descending order

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9  
papers

286  
citations

1039880

9  
h-index

1474057

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

361  
citing authors

#	ARTICLE	IF	CITATIONS
1	An N-Terminal Region of Lassa Virus L Protein Plays a Critical Role in Transcription but Not Replication of the Virus Genome. <i>Journal of Virology</i> , 2010, 84, 1934-1944.	1.5	53
2	Structure of the Lassa Virus Nucleoprotein Revealed by X-ray Crystallography, Small-angle X-ray Scattering, and Electron Microscopy. <i>Journal of Biological Chemistry</i> , 2011, 286, 38748-38756.	1.6	47
3	Mutational Evidence for a Structural Model of the Lassa Virus RNA Polymerase Domain and Identification of Two Residues, Gly1394 and Asp1395, That Are Critical for Transcription but Not Replication of the Genome. <i>Journal of Virology</i> , 2008, 82, 10207-10217.	1.5	40
4	Biochemical and structural studies reveal differences and commonalities among cap-snatching endonucleases from segmented negative-strand RNA viruses. <i>Journal of Biological Chemistry</i> , 2018, 293, 19686-19698.	1.6	31
5	Atomic Structure and Biochemical Characterization of an RNA Endonuclease in the N Terminus of Andes Virus L Protein. <i>PLoS Pathogens</i> , 2016, 12, e1005635.	2.1	31
6	Role of the C Terminus of Lassa Virus L Protein in Viral mRNA Synthesis. <i>Journal of Virology</i> , 2014, 88, 8713-8717.	1.5	27
7	Conformational changes in Lassa virus L protein associated with promoter binding and RNA synthesis activity. <i>Nature Communications</i> , 2021, 12, 7018.	5.8	26
8	Development and evaluation of antibody-capture immunoassays for detection of Lassa virus nucleoprotein-specific immunoglobulin M and G. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006361.	1.3	18
9	Rift Valley fever virus minigenome system for investigating the role of L protein residues in viral transcription and replication. <i>Journal of General Virology</i> , 2019, 100, 1093-1098.	1.3	13