Juan Reguera

List of Publications by Year in descending order

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26 papers	1,457 citations	361413 20 h-index	580821 25 g-index
30 all docs	30 docs citations	30 times ranked	1736 citing authors

#	Article	IF	Citations
1	Bunyaviridae RNA Polymerases (L-Protein) Have an N-Terminal, Influenza-Like Endonuclease Domain, Essential for Viral Cap-Dependent Transcription. PLoS Pathogens, 2010, 6, e1001101.	4.7	215
2	Structural Insights into Bunyavirus Replication and Its Regulation by the vRNA Promoter. Cell, 2015, 161, 1267-1279.	28.9	164
3	Structural Bases of Coronavirus Attachment to Host Aminopeptidase N and Its Inhibition by Neutralizing Antibodies. PLoS Pathogens, 2012, 8, e1002859.	4.7	155
4	Transcription and replication mechanisms of Bunyaviridae and Arenaviridae L proteins. Virus Research, 2017, 234, 118-134.	2.2	86
5	Comparative Structural and Functional Analysis of Bunyavirus and Arenavirus Cap-Snatching Endonucleases. PLoS Pathogens, 2016, 12, e1005636.	4.7	84
6	Role of interfacial amino acid residues in assembly, stability, and conformation of a spherical virus capsid. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2724-2729.	7.1	82
7	Structural basis for encapsidation of genomic RNA by La Crosse Orthobunyavirus nucleoprotein. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7246-7251.	7.1	73
8	Capping pores of alphavirus nsP1 gate membranous viral replication factories. Nature, 2021, 589, 615-619.	27.8	67
9	Towards a structural understanding of RNA synthesis by negative strand RNA viral polymerases. Current Opinion in Structural Biology, 2016, 36, 75-84.	5.7	63
10	In Vitro Disassembly of a Parvovirus Capsid and Effect on Capsid Stability of Heterologous Peptide Insertions in Surface Loops. Journal of Biological Chemistry, 2004, 279, 6517-6525.	3.4	62
11	Nuclear Transport of Trimeric Assembly Intermediates Exerts a Morphogenetic Control on the Icosahedral Parvovirus Capsid. Journal of Molecular Biology, 2006, 357, 1026-1038.	4.2	57
12	A structural view of coronavirusâ€“receptor interactions. Virus Research, 2014, 194, 3-15.	2.2	49
13	Pre-initiation and elongation structures of full-length La Crosse virus polymerase reveal functionally important conformational changes. Nature Communications, 2020, 11, 3590.	12.8	36
14	Segmented negative strand RNA virus nucleoprotein structure. Current Opinion in Virology, 2014, 5, 7-15.	5.4	35
15	Systems To Establish Bunyavirus Genome Replication in the Absence of Transcription. Journal of Virology, 2013, 87, 8205-8212.	3.4	32
16	Structural insights into reptarenavirus cap-snatching machinery. PLoS Pathogens, 2017, 13, e1006400.	4.7	32
17	Atomic Structure and Biochemical Characterization of an RNA Endonuclease in the N Terminus of Andes Virus L Protein. PLoS Pathogens, 2016, 12, e1005635.	4.7	31
18	Functional Relevance of Amino Acid Residues Involved in Interactions with Ordered Nucleic Acid in a Spherical Virus. Journal of Biological Chemistry, 2005, 280, 17969-17977.	3.4	28

#	Article	IF	Citations
19	High resolution cryo-EM structure of the helical RNA-bound Hantaan virus nucleocapsid reveals its assembly mechanisms. ELife, 2019, 8, .	6.0	28
20	Allosteric inhibition of aminopeptidase N functions related to tumor growth and virus infection. Scientific Reports, 2017, 7, 46045.	3.3	25
21	Antigenic modules in the N-terminal S1 region of the transmissible gastroenteritis virus spike protein. Journal of General Virology, 2011, 92, 1117-1126.	2.9	18
22	Structure and function of the Toscana virus cap-snatching endonuclease. Nucleic Acids Research, 2019, 47, 10914-10930.	14.5	16
23	Structural Insights into the Mechanisms of Action of Functionally Distinct Classes of Chikungunya Virus Nonstructural Protein 1 Inhibitors. Antimicrobial Agents and Chemotherapy, 2021, 65, e0256620.	3.2	9
24	Biochemical Aspects of Coronavirus Replication. Advances in Experimental Medicine and Biology, 2006, 581, 13-24.	1.6	6
25	Ty1 integrase is composed of an active N-terminal domain and a large disordered C-terminal module dispensable for its activity inÂvitro. Journal of Biological Chemistry, 2021, 297, 101093.	3.4	4
26	Negative Single-Stranded RNA Viruses (Mononegavirales): A Structural View. , 2021, , 345-351.		0