

Carlos P P Mata

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

366
citations

1051969

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h-index

939365

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26
all docs

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docs citations

26
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-EM structures show the mechanistic basis of pan-peptidase inhibition by human \hat{I}^2 α 2-macroglobulin. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200102119.	3.3	10
2	A bioactive phlebovirus-like envelope protein in a hookworm endogenous virus. Science Advances, 2022, 8, eabj6894.	4.7	6
3	Genome Packaging. , 2021, , 488-494.		0
4	Chimeric RHDV Virus-Like Particles Displaying Foot-and-Mouth Disease Virus Epitopes Elicit Neutralizing Antibodies and Confer Partial Protection in Pigs. Vaccines, 2021, 9, 470.	2.1	5
5	In vitro functional analysis of gRNA sites regulating assembly of hepatitis B virus. Communications Biology, 2021, 4, 1407.	2.0	6
6	Viral Genome Conformations and Contacts across Different Lifecycle Stages. Proceedings (mdpi), 2020, 50, .	0.2	0
7	Cryo-electron Microscopy Structure, Assembly, and Mechanics Show Morphogenesis and Evolution of Human Picobirnavirus. Journal of Virology, 2020, 94, .	1.5	11
8	Structure and assembly of double-stranded RNA mycoviruses. Advances in Virus Research, 2020, 108, 213-247.	0.9	9
9	An Endogenous Retrovirus from Human Hookworm Encodes an Ancient Phlebovirus-Like Class II Envelope Fusion Protein. Proceedings (mdpi), 2020, 50, .	0.2	0
10	Assembly of infectious enteroviruses depends on multiple, conserved genomic RNA-coat protein contacts. PLoS Pathogens, 2020, 16, e1009146.	2.1	31
11	Human interleukin-2 receptor \hat{I}^2 mutations associated with defects in immunity and peripheral tolerance. Journal of Experimental Medicine, 2019, 216, 1311-1327.	4.2	62
12	Capsid Structure of dsRNA Fungal Viruses. Viruses, 2018, 10, 481.	1.5	33
13	The RNA-Binding Protein of a Double-Stranded RNA Virus Acts like a Scaffold Protein. Journal of Virology, 2018, 92, .	1.5	13
14	Assembly/disassembly of a complex icosahedral virus to incorporate heterologous nucleic acids. Journal of Physics Condensed Matter, 2017, 29, 494001.	0.7	2
15	Role of Archaeal HerA Protein in the Biology of the Bacterium Thermus thermophilus. Genes, 2017, 8, 130.	1.0	4
16	Acquisition of functions on the outer capsid surface during evolution of double-stranded RNA fungal viruses. PLoS Pathogens, 2017, 13, e1006755.	2.1	26
17	The transjugation machinery of Thermus thermophilus: Identification of TdtA, an ATPase involved in DNA donation. PLoS Genetics, 2017, 13, e1006669.	1.5	37
18	Heterodimers as the Structural Unit of the T=1 Capsid of the Fungal Double-Stranded RNA Rosellinia necatrix Quadrivirus 1. Journal of Virology, 2016, 90, 11220-11230.	1.5	17

#	ARTICLE	IF	CITATIONS
19	A protein with simultaneous capsid scaffolding and dsRNA-binding activities enhances the birnavirus capsid mechanical stability. <i>Scientific Reports</i> , 2015, 5, 13486.	1.6	25
20	Comparative analysis of rabbit hemorrhagic disease virus (RHDV) and new RHDV2 virus antigenicity, using specific virus-like particles. <i>Veterinary Research</i> , 2015, 46, 106.	1.1	41
21	Structural Basis for the Development of Avian Virus Capsids That Display Influenza Virus Proteins and Induce Protective Immunity. <i>Journal of Virology</i> , 2015, 89, 2563-2574.	1.5	20