

Daniel Blanco-Melo

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

5,714
citations

430874

18
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

14306
citing authors

#	ARTICLE	IF	CITATIONS
1	Imbalanced Host Response to SARS-CoV-2 Drives Development of COVID-19. <i>Cell</i> , 2020, 181, 1036-1045.e9.	28.9	3,572
2	CG dinucleotide suppression enables antiviral defence targeting non-self RNA. <i>Nature</i> , 2017, 550, 124-127.	27.8	336
3	Conserved and novel miRNAs in the legume <i>Phaseolus vulgaris</i> in response to stress. <i>Plant Molecular Biology</i> , 2009, 70, 385-401.	3.9	235
4	A human-airway-on-a-chip for the rapid identification of candidate antiviral therapeutics and prophylactics. <i>Nature Biomedical Engineering</i> , 2021, 5, 815-829.	22.5	228
5	Global Changes in the RNA Binding Specificity of HIV-1 Gag Regulate Virion Genesis. <i>Cell</i> , 2014, 159, 1096-1109.	28.9	216
6	Leveraging the antiviral type I interferon system as a first line of defense against SARS-CoV-2 pathogenicity. <i>Immunity</i> , 2021, 54, 557-570.e5.	14.3	153
7	Host and Viral Determinants of Mx2 Antiretroviral Activity. <i>Journal of Virology</i> , 2014, 88, 7738-7752.	3.4	144
8	Intrinsic Cellular Defenses against Human Immunodeficiency Viruses. <i>Immunity</i> , 2012, 37, 399-411.	14.3	96
9	Recurrent DNA inversion rearrangements in the human genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6099-6106.	7.1	85
10	Co-option of an endogenous retrovirus envelope for host defense in hominid ancestors. <i>ELife</i> , 2017, 6, .	6.0	75
11	The NF- κ B Transcriptional Footprint Is Essential for SARS-CoV-2 Replication. <i>Journal of Virology</i> , 2021, 95, e0125721.	3.4	69
12	RNase III nucleases from diverse kingdoms serve as antiviral effectors. <i>Nature</i> , 2017, 547, 114-117.	27.8	57
13	The decline of human endogenous retroviruses: extinction and survival. <i>Retrovirology</i> , 2015, 12, 8.	2.0	49
14	Type I interferon response impairs differentiation potential of pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1384-1393.	7.1	44
15	Global synonymous mutagenesis identifies cis-acting RNA elements that regulate HIV-1 splicing and replication. <i>PLoS Pathogens</i> , 2018, 14, e1006824.	4.7	37
16	Origins and Evolution of tetherin , an Orphan Antiviral Gene. <i>Cell Host and Microbe</i> , 2016, 20, 189-201.	11.0	35
17	Reduced Nucleoprotein Availability Impairs Negative-Sense RNA Virus Replication and Promotes Host Recognition. <i>Journal of Virology</i> , 2021, 95, .	3.4	26
18	Ancient viral genomes reveal introduction of human pathogenic viruses into Mexico during the transatlantic slave trade. <i>ELife</i> , 2021, 10, .	6.0	23

#	ARTICLE	IF	CITATIONS
19	Homologous recombination is an intrinsic defense against antiviral RNA interference. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9211-E9219.	7.1	17
20	Viral Fitness Landscapes in Diverse Host Species Reveal Multiple Evolutionary Lines for the NS1 Gene of Influenza A Viruses. Cell Reports, 2019, 29, 3997-4009.e5.	6.4	13
21	Reconstruction of a replication-competent ancestral murine endogenous retrovirus-L. Retrovirology, 2018, 15, 34.	2.0	11
22	Viral Fitness Landscapes in Diverse Host Species Reveal Multiple Evolutionary Lines for the NS1 Gene of Influenza A Viruses. SSRN Electronic Journal, 0, , .	0.4	1