

Gilberto Betancor Quintana

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

4,360
citations

516710

16
h-index

642732

23
g-index

29
all docs

29
docs citations

29
times ranked

10995
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined epidemiological and genomic analysis of nosocomial SARS-CoV-2 infection early in the pandemic and the role of unidentified cases in transmission. <i>Clinical Microbiology and Infection</i> , 2022, 28, 93-100.	6.0	21
2	Hospital admission and emergency care attendance risk for SARS-CoV-2 delta (B.1.617.2) compared with alpha (B.1.1.7) variants of concern: a cohort study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 35-42.	9.1	612
3	Evaluating the Effects of SARS-CoV-2 Spike Mutation D614G on Transmissibility and Pathogenicity. <i>Cell</i> , 2021, 184, 64-75.e11.	28.9	843
4	SARS-CoV-2 evolution during treatment of chronic infection. <i>Nature</i> , 2021, 592, 277-282.	27.8	802
5	Clinical utility of targeted SARS-CoV-2 serology testing to aid the diagnosis and management of suspected missed, late or post-COVID-19 infection syndromes: Results from a pilot service implemented during the first pandemic wave. <i>PLoS ONE</i> , 2021, 16, e0249791.	2.5	6
6	Changes in symptomatology, reinfection, and transmissibility associated with the SARS-CoV-2 variant B.1.1.7: an ecological study. <i>Lancet Public Health</i> , The, 2021, 6, e335-e345.	10.0	269
7	MX2-mediated innate immunity against HIV-1 is regulated by serine phosphorylation. <i>Nature Microbiology</i> , 2021, 6, 1031-1042.	13.3	18
8	Resilient SARS-CoV-2 diagnostics workflows including viral heat inactivation. <i>PLoS ONE</i> , 2021, 16, e0256813.	2.5	23
9	Longitudinal observation and decline of neutralizing antibody responses in the three months following SARS-CoV-2 infection in humans. <i>Nature Microbiology</i> , 2020, 5, 1598-1607.	13.3	1,115
10	Comparative assessment of multiple COVID-19 serological technologies supports continued evaluation of point-of-care lateral flow assays in hospital and community healthcare settings. <i>PLoS Pathogens</i> , 2020, 16, e1008817.	4.7	105
11	Real-world evaluation of a novel technology for quantitative simultaneous antibody detection against multiple SARS-CoV-2 antigens in a cohort of patients presenting with COVID-19 syndrome. <i>Analyst</i> , The, 2020, 145, 5638-5646.	3.5	26
12	The GTPase Domain of MX2 Interacts with the HIV-1 Capsid, Enabling Its Short Isoform to Moderate Antiviral Restriction. <i>Cell Reports</i> , 2019, 29, 1923-1933.e3.	6.4	27
13	Immunoproteasome activation enables human TRIM5 β restriction of HIV-1. <i>Nature Microbiology</i> , 2019, 4, 933-940.	13.3	54
14	Multiple components of the nuclear pore complex interact with the amino-terminus of MX2 to facilitate HIV-1 restriction. <i>PLoS Pathogens</i> , 2018, 14, e1007408.	4.7	43
15	Effects of Inner Nuclear Membrane Proteins SUN1/UNC-84A and SUN2/UNC-84B on the Early Steps of HIV-1 Infection. <i>Journal of Virology</i> , 2017, 91, .	3.4	18
16	Oligomerization Requirements for MX2-Mediated Suppression of HIV-1 Infection. <i>Journal of Virology</i> , 2016, 90, 22-32.	3.4	41
17	Effects of HIV-1 reverse transcriptase connection subdomain mutations on polypurine tract removal and initiation of (+)-strand DNA synthesis. <i>Nucleic Acids Research</i> , 2015, 43, 2259-2270.	14.5	22
18	Molecular basis of the association of H208Y and thymidine analogue resistance mutations M41L, L210W and T215Y in the HIV-1 reverse transcriptase of treated patients. <i>Antiviral Research</i> , 2014, 106, 42-52.	4.1	3

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19	Clinical, virological and biochemical evidence supporting the association of HIV-1 reverse transcriptase polymorphism R284K and thymidine analogue resistance mutations M41L, L210W and T215Y in patients failing tenofovir/emtricitabine therapy. <i>Retrovirology</i> , 2012, 9, 68.	2.0	7
20	HIV-1 reverse transcriptase connection subdomain mutations involved in resistance to approved non-nucleoside inhibitors. <i>Antiviral Research</i> , 2011, 92, 139-149.	4.1	38
21	A376S in the Connection Subdomain of HIV-1 Reverse Transcriptase Confers Increased Risk of Virological Failure to Nevirapine Therapy. <i>Journal of Infectious Diseases</i> , 2011, 204, 741-752.	4.0	19
22	Mechanisms Involved in the Selection of HIV-1 Reverse Transcriptase Thumb Subdomain Polymorphisms Associated with Nucleoside Analogue Therapy Failure. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4799-4811.	3.2	29
23	The GTPase Domain of MX2 Interacts with HIV-1 Capsid Enabling Its Short Isoform to Moderate Antiviral Restriction. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0