

# Gilberto Betancor Quintana

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7443491/publications.pdf>

Version: 2024-02-01

23  
papers

4,360  
citations

586496

16  
h-index

721071

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

11684  
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.   | 2.8  | 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.   | 4.6  | 612       |
| 3  | Evaluating the Effects of SARS-CoV-2 Spike Mutation D614G on Transmissibility and Pathogenicity. <i>Cell</i> , 2021, 184, 64-75.e11.  | 13.5 | 843       |
| 4  | SARS-CoV-2 evolution during treatment of chronic infection. <i>Nature</i> , 2021, 592, 277-282.   | 13.7 | 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. | 1.1  | 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.  | 4.7  | 269       |
| 7  | MX2-mediated innate immunity against HIV-1 is regulated by serine phosphorylation. <i>Nature Microbiology</i> , 2021, 6, 1031-1042.   | 5.9  | 18        |
| 8  | Resilient SARS-CoV-2 diagnostics workflows including viral heat inactivation. <i>PLoS ONE</i> , 2021, 16, e0256813.   | 1.1  | 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.  | 5.9  | 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.  | 2.1  | 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.                                    | 1.7  | 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.   | 2.9  | 27        |
| 13 | Immunoproteasome activation enables human TRIM5 $\alpha$ restriction of HIV-1. <i>Nature Microbiology</i> , 2019, 4, 933-940.   | 5.9  | 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.  | 2.1  | 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, .  | 1.5  | 18        |
| 16 | Oligomerization Requirements for MX2-Mediated Suppression of HIV-1 Infection. <i>Journal of Virology</i> , 2016, 90, 22-32.   | 1.5  | 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.  | 6.5  | 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.   | 1.9  | 3         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 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. | 0.9 | 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.  | 1.9 | 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.  | 1.9 | 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.   | 1.4 | 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         |