

Ricardo Soto-Rifo

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,435
citations

218677

26
h-index

233421

45
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68
all docs

68
docs citations

68
times ranked

3703
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Safety and Immunogenicity of an Inactivated Severe Acute Respiratory Syndrome Coronavirus 2 Vaccine in a Subgroup of Healthy Adults in Chile. <i>Clinical Infectious Diseases</i> , 2022, 75, e792-e804. | 5.8 | 73 |
| 2 | Epitranscriptomic regulation of HIV-1 full-length RNA packaging. <i>Nucleic Acids Research</i> , 2022, 50, 2302-2318. | 14.5 | 18 |
| 3 | Neutralizing antibody titers elicited by CoronaVac and BNT162b2 vaccines in health care workers with and without prior SARS-CoV-2 infection. <i>Journal of Travel Medicine</i> , 2022, 29, . | 3.0 | 3 |
| 4 | Sustained Antibody-Dependent NK Cell Functions in Mild COVID-19 Outpatients During Convalescence. <i>Frontiers in Immunology</i> , 2022, 13, 796481. | 4.8 | 7 |
| 5 | Screening of Natural Products Inhibitors of SARS-CoV-2 Entry. <i>Molecules</i> , 2022, 27, 1743. | 3.8 | 22 |
| 6 | Differential neutralizing antibody responses elicited by CoronaVac and BNT162b2 against SARS-CoV-2 Lambda in Chile. <i>Nature Microbiology</i> , 2022, 7, 524-529. | 13.3 | 22 |
| 7 | Serological study of CoronaVac vaccine and booster doses in Chile: immunogenicity and persistence of anti-SARS-CoV-2 spike antibodies. <i>BMC Medicine</i> , 2022, 20, . | 5.5 | 13 |
| 8 | Accuracy of a RT-qPCR SARS-CoV-2 detection assay without prior RNA extraction. <i>Journal of Virological Methods</i> , 2021, 287, 113969. | 2.1 | 20 |
| 9 | CBP80/20-dependent translation initiation factor (CTIF) inhibits HIV-1 Gag synthesis by targeting the function of the viral protein Rev. <i>RNA Biology</i> , 2021, 18, 745-758. | 3.1 | 6 |
| 10 | Tellurite Promotes Stress Granules and Nuclear SG-Like Assembly in Response to Oxidative Stress and DNA Damage. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 622057. | 3.7 | 8 |
| 11 | Insights into neutralizing antibody responses in individuals exposed to SARS-CoV-2 in Chile. <i>Science Advances</i> , 2021, 7, . | 10.3 | 29 |
| 12 | Early versus deferred anti-SARS-CoV-2 convalescent plasma in patients admitted for COVID-19: A randomized phase II clinical trial. <i>PLoS Medicine</i> , 2021, 18, e1003415. | 8.4 | 72 |
| 13 | RNA Helicase DDX3: A Double-Edged Sword for Viral Replication and Immune Signaling. <i>Microorganisms</i> , 2021, 9, 1206. | 3.6 | 21 |
| 14 | Performance of SARS-CoV-2 rapid antigen test compared with real-time RT-PCR in asymptomatic individuals. <i>International Journal of Infectious Diseases</i> , 2021, 107, 201-204. | 3.3 | 51 |
| 15 | The Landscape of IFN/ISG Signaling in HIV-1-Infected Macrophages and Its Possible Role in the HIV-1 Latency. <i>Cells</i> , 2021, 10, 2378. | 4.1 | 8 |
| 16 | N6 -Methyladenosine Negatively Regulates Human Respiratory Syncytial Virus Replication. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 739445. | 3.7 | 2 |
| 17 | Escherichia coli HS and Enterotoxigenic Escherichia coli Hinder Stress Granule Assembly. <i>Microorganisms</i> , 2021, 9, 17. | 3.6 | 3 |
| 18 | Evaluation of the Immune Response Induced by CoronaVac 28-Day Schedule Vaccination in a Healthy Population Group. <i>Frontiers in Immunology</i> , 2021, 12, 766278. | 4.8 | 13 |

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|----|---|------|-----------|
| 19 | Meteorological impact on the COVID-19 pandemic: A study across eight severely affected regions in South America. <i>Science of the Total Environment</i> , 2020, 744, 140881. | 8.0 | 56 |
| 20 | Crosstalk between RNA Metabolism and Cellular Stress Responses during Zika Virus Replication. <i>Pathogens</i> , 2020, 9, 158. | 2.8 | 6 |
| 21 | Bacterial Synthesis of Ternary CdS@Ag Quantum Dots through Cation Exchange: Tuning the Composition and Properties of Biological Nanoparticles for Bioimaging and Photovoltaic Applications. <i>Microorganisms</i> , 2020, 8, 631. | 3.6 | 28 |
| 22 | Strategies for Success. Viral Infections and Membraneless Organelles. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 336. | 3.9 | 42 |
| 23 | New Challenges of HIV-1 Infection: How HIV-1 Attacks and Resides in the Central Nervous System. <i>Cells</i> , 2019, 8, 1245. | 4.1 | 51 |
| 24 | DISC1 promotes translation maintenance during sodium arsenite-induced oxidative stress. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 657-669. | 1.9 | 6 |
| 25 | Salmon cells SHK-1 internalize infectious pancreatic necrosis virus by macropinocytosis. <i>Journal of Fish Diseases</i> , 2019, 42, 1035-1046. | 1.9 | 21 |
| 26 | Inhibition of miR-378a-3p by Inflammation Enhances IL-33 Levels: A Novel Mechanism of Alarmin Modulation in Ulcerative Colitis. <i>Frontiers in Immunology</i> , 2019, 10, 2449. | 4.8 | 37 |
| 27 | Differences in the internalization of self-inactivating VSVG-pseudotyped murine leukemia virus-based vectors in human and murine cells. <i>Journal of Virological Methods</i> , 2018, 255, 14-22. | 2.1 | 2 |
| 28 | A Rev-CBP80-eIF4A1 complex drives Gag synthesis from the HIV-1 unspliced mRNA. <i>Nucleic Acids Research</i> , 2018, 46, 11539-11552. | 14.5 | 22 |
| 29 | Emerging Roles of N6-Methyladenosine on HIV-1 RNA Metabolism and Viral Replication. <i>Frontiers in Microbiology</i> , 2018, 9, 576. | 3.5 | 20 |
| 30 | microRNAs stimulate translation initiation mediated by HCV-like IRESes. <i>Nucleic Acids Research</i> , 2017, 45, gkw1345. | 14.5 | 12 |
| 31 | Epitranscriptomic regulation of viral replication. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 460-471. | 1.9 | 17 |
| 32 | Infectious pancreatic necrosis virus enters CHSE-214 cells via macropinocytosis. <i>Scientific Reports</i> , 2017, 7, 3068. | 3.3 | 20 |
| 33 | Interactions between the HIV-1 Unspliced mRNA and Host mRNA Decay Machineries. <i>Viruses</i> , 2016, 8, 320. | 3.3 | 24 |
| 34 | Who Regulates Whom? An Overview of RNA Granules and Viral Infections. <i>Viruses</i> , 2016, 8, 180. | 3.3 | 73 |
| 35 | DEAD-box RNA helicase DDX3 connects CRM1-dependent nuclear export and translation of the HIV-1 unspliced mRNA through its N-terminal domain. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 719-730. | 1.9 | 43 |
| 36 | Translational Control of the HIV Unspliced Genomic RNA. <i>Viruses</i> , 2015, 7, 4326-4351. | 3.3 | 21 |

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|----|---|------|-----------|
| 37 | HIV-1 Recruits UPF1 but Excludes UPF2 to Promote Nucleocytoplasmic Export of the Genomic RNA. <i>Biomolecules</i> , 2015, 5, 2808-2839. | 4.0 | 52 |
| 38 | Tobacco Smoke Activates Human Papillomavirus 16 p97 Promoter and Cooperates with High-Risk E6/E7 for Oxidative DNA Damage in Lung Cells. <i>PLoS ONE</i> , 2015, 10, e0123029. | 2.5 | 29 |
| 39 | RNA helicase DDX3: at the crossroad of viral replication and antiviral immunity. <i>Reviews in Medical Virology</i> , 2015, 25, 286-299. | 8.3 | 107 |
| 40 | HIV-2 genomic RNA accumulates in stress granules in the absence of active translation. <i>Nucleic Acids Research</i> , 2014, 42, 12861-12875. | 14.5 | 15 |
| 41 | Translation initiation is driven by different mechanisms on the HIV-1 and HIV-2 genomic RNAs. <i>Virus Research</i> , 2013, 171, 366-381. | 2.2 | 29 |
| 42 | The role of the DEAD-box RNA helicase DDX3 in mRNA metabolism. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013, 4, 369-385. | 6.4 | 118 |
| 43 | miRNA repression of translation in vitro takes place during 43S ribosomal scanning. <i>Nucleic Acids Research</i> , 2013, 41, 586-598. | 14.5 | 53 |
| 44 | The DEAD-box helicase DDX3 substitutes for the cap-binding protein eIF4E to promote compartmentalized translation initiation of the HIV-1 genomic RNA. <i>Nucleic Acids Research</i> , 2013, 41, 6286-6299. | 14.5 | 98 |
| 45 | The Andes Hantavirus NSs Protein Is Expressed from the Viral Small mRNA by a Leaky Scanning Mechanism. <i>Journal of Virology</i> , 2012, 86, 2176-2187. | 3.4 | 48 |
| 46 | Different effects of the TAR structure on HIV-1 and HIV-2 genomic RNA translation. <i>Nucleic Acids Research</i> , 2012, 40, 2653-2667. | 14.5 | 38 |
| 47 | DEAD-box protein DDX3 associates with eIF4F to promote translation of selected mRNAs. <i>EMBO Journal</i> , 2012, 31, 3745-3756. | 7.8 | 228 |
| 48 | Functional mechanisms of the cellular prion protein (PrPC) associated anti-HIV-1 properties. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 1331-1352. | 5.4 | 20 |
| 49 | Activation of a microRNA response in trans reveals a new role for poly(A) in translational repression. <i>Nucleic Acids Research</i> , 2011, 39, 5215-5231. | 14.5 | 29 |
| 50 | The 3' Untranslated Region of the Andes Hantavirus Small mRNA Functionally Replaces the Poly(A) Tail and Stimulates Cap-Dependent Translation Initiation from the Viral mRNA. <i>Journal of Virology</i> , 2010, 84, 10420-10424. | 3.4 | 15 |
| 51 | Structural and functional diversity of viral IRESes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2009, 1789, 542-557. | 1.9 | 152 |
| 52 | Mechanism of HIV-1 Tat RNA translation and its activation by the Tat protein. <i>Retrovirology</i> , 2009, 6, 74. | 2.0 | 40 |
| 53 | Lentiviral RNAs can use different mechanisms for translation initiation. <i>Biochemical Society Transactions</i> , 2008, 36, 690-693. | 3.4 | 47 |
| 54 | Back to basics: the untreated rabbit reticulocyte lysate as a competitive system to recapitulate cap/poly(A) synergy and the selective advantage of IRES-driven translation. <i>Nucleic Acids Research</i> , 2007, 35, e121-e121. | 14.5 | 60 |

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|----|---|------|-----------|
| 55 | Homozygous mutation of AURKC yields large-headed polyploid spermatozoa and causes male infertility. <i>Nature Genetics</i> , 2007, 39, 661-665. | 21.4 | 248 |