

Ricardo Soto-Rifo

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7633861/ricardo-soto-rifo-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

1,608
citations

22
h-index

39
g-index

68
ext. papers

2,162
ext. citations

9.7
avg. IF

4.71
L-index

#	Paper	IF	Citations
57	Homozygous mutation of AURKC yields large-headed polyploid spermatozoa and causes male infertility. <i>Nature Genetics</i> , 2007 , 39, 661-5	36.3	198
56	DEAD-box protein DDX3 associates with eIF4F to promote translation of selected mRNAs. <i>EMBO Journal</i> , 2012 , 31, 3745-56	13	177
55	Structural and functional diversity of viral IRESes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2009 , 1789, 542-57	6	135
54	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, 6286-99	20.1	72
53	RNA helicase DDX3: at the crossroad of viral replication and antiviral immunity. <i>Reviews in Medical Virology</i> , 2015 , 25, 286-99	11.7	70
52	The role of the DEAD-box RNA helicase DDX3 in mRNA metabolism. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013 , 4, 369-85	9.3	70
51	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	20.1	53
50	Who Regulates Whom? An Overview of RNA Granules and Viral Infections. <i>Viruses</i> , 2016 , 8,	6.2	50
49	The Andes hantavirus NSs protein is expressed from the viral small mRNA by a leaky scanning mechanism. <i>Journal of Virology</i> , 2012 , 86, 2176-87	6.6	45
48	miRNA repression of translation in vitro takes place during 43S ribosomal scanning. <i>Nucleic Acids Research</i> , 2013 , 41, 586-98	20.1	44
47	Lentiviral RNAs can use different mechanisms for translation initiation. <i>Biochemical Society Transactions</i> , 2008 , 36, 690-3	5.1	41
46	Mechanism of HIV-1 Tat RNA translation and its activation by the Tat protein. <i>Retrovirology</i> , 2009 , 6, 74	3.6	38
45	Infectivity and immune escape of the new SARS-CoV-2 variant of interest Lambda		37
44	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	11.6	36
43	HIV-1 Recruits UPF1 but Excludes UPF2 to Promote Nucleocytoplasmic Export of the Genomic RNA. <i>Biomolecules</i> , 2015 , 5, 2808-39	5.9	35
42	Different effects of the TAR structure on HIV-1 and HIV-2 genomic RNA translation. <i>Nucleic Acids Research</i> , 2012 , 40, 2653-67	20.1	34
41	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	10.2	29

40	Strategies for Success. Viral Infections and Membraneless Organelles. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 336	5.9	26
39	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, 719-30	6	25
38	Translation initiation is driven by different mechanisms on the HIV-1 and HIV-2 genomic RNAs. <i>Virus Research</i> , 2013 , 171, 366-81	6.4	25
37	Activation of a microRNA response in trans reveals a new role for poly(A) in translational repression. <i>Nucleic Acids Research</i> , 2011 , 39, 5215-31	20.1	25
36	Interim report: Safety and immunogenicity of an inactivated vaccine against SARS-CoV-2 in healthy Chilean adults in a phase 3 clinical trial. 2021 ,		23
35	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	3.7	21
34	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	10.5	21
33	New Challenges of HIV-1 Infection: How HIV-1 Attacks and Resides in the Central Nervous System. <i>Cells</i> , 2019 , 8,	7.9	20
32	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,	4.9	19
31	Translational Control of the HIV Unspliced Genomic RNA. <i>Viruses</i> , 2015 , 7, 4326-51	6.2	18
30	Safety and Immunogenicity of an Inactivated SARS-CoV-2 Vaccine in a Subgroup of Healthy Adults in Chile. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	18
29	Functional mechanisms of the cellular prion protein (PrP(C)) associated anti-HIV-1 properties. <i>Cellular and Molecular Life Sciences</i> , 2012 , 69, 1331-52	10.3	17
28	Interactions between the HIV-1 Unspliced mRNA and Host mRNA Decay Machineries. <i>Viruses</i> , 2016 , 8,	6.2	16
27	A Rev-CBP80-eIF4A1 complex drives Gag synthesis from the HIV-1 unspliced mRNA. <i>Nucleic Acids Research</i> , 2018 , 46, 11539-11552	20.1	16
26	Infectious pancreatic necrosis virus enters CHSE-214 cells via macropinocytosis. <i>Scientific Reports</i> , 2017 , 7, 3068	4.9	14
25	Emerging Roles of N-Methyladenosine on HIV-1 RNA Metabolism and Viral Replication. <i>Frontiers in Microbiology</i> , 2018 , 9, 576	5.7	13
24	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, 10420-4	6.6	13
23	Epitranscriptomic regulation of viral replication. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017 , 1860, 460-471	6	12

22	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	8.4	12
21	Insights into neutralizing antibody responses in individuals exposed to SARS-CoV-2 in Chile. <i>Science Advances</i> , 2021 , 7,	14.3	12
20	HIV-2 genomic RNA accumulates in stress granules in the absence of active translation. <i>Nucleic Acids Research</i> , 2014 , 42, 12861-75	20.1	11
19	Accuracy of a RT-qPCR SARS-CoV-2 detection assay without prior RNA extraction. <i>Journal of Virological Methods</i> , 2021 , 287, 113969	2.6	10
18	microRNAs stimulate translation initiation mediated by HCV-like IRESes. <i>Nucleic Acids Research</i> , 2017 , 45, 4810-4824	20.1	8
17	Salmon cells SHK-1 internalize infectious pancreatic necrosis virus by macropinocytosis. <i>Journal of Fish Diseases</i> , 2019 , 42, 1035-1046	2.6	8
16	Early Anti-SARS-CoV-2 Convalescent Plasma in Patients Admitted for COVID-19: A Randomized Phase II Clinical Trial		6
15	Crosstalk between RNA Metabolism and Cellular Stress Responses during Zika Virus Replication. <i>Pathogens</i> , 2020 , 9,	4.5	4
14	DISC1 promotes translation maintenance during sodium arsenite-induced oxidative stress. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019 , 1862, 657-669	6	3
13	RNA Helicase DDX3: A Double-Edged Sword for Viral Replication and Immune Signaling. <i>Microorganisms</i> , 2021 , 9,	4.9	3
12	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	5.7	3
11	Screening of Natural Products Inhibitors of SARS-CoV-2 Entry.. <i>Molecules</i> , 2022 , 27,	4.8	3
10	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	2.6	2
9	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	8.4	2
8	A booster dose of an inactivated SARS-CoV-2 vaccine increases neutralizing antibodies and T cells that recognize Delta and Omicron variants of concern. 2022 ,		2
7	A Rev-CBP80-eIF4A1 complex drives Gag synthesis from the HIV-1 unspliced mRNA		2
6	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	4.8	2
5	CBP80/20-dependent translation initiation factor (CTIF) inhibits HIV-1 Gag synthesis by targeting the function of the viral protein Rev		1

4	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,	7.9	1
3	Differential neutralizing antibody responses elicited by CoronaVac and BNT162b2 against SARS-CoV-2 Lambda in Chile.. <i>Nature Microbiology</i> , 2022 , 7, 524-529	26.6	1
2	Sustained Antibody-Dependent NK Cell Functions in Mild COVID-19 Outpatients During Convalescence.. <i>Frontiers in Immunology</i> , 2022 , 13, 796481	8.4	0
1	N -Methyladenosine Negatively Regulates Human Respiratory Syncytial Virus Replication. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 739445	5.7	0