

Fernando Valiente-Echeverria

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,607
citations

331670

21
h-index

361022

35
g-index

67
all docs

67
docs citations

67
times ranked

2611
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	eEF2 and Ras-GAP SH3 domain-binding protein (G3BP1) modulate stress granule assembly during HIV-1 infection. <i>Nature Communications</i> , 2014, 5, 4819.	12.8	76
3	Who Regulates Whom? An Overview of RNA Granules and Viral Infections. <i>Viruses</i> , 2016, 8, 180.	3.3	73
4	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
5	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
6	Activity of the human immunodeficiency virus type 1 cell cycle-dependent internal ribosomal entry site is modulated by IRES trans-acting factors. <i>Nucleic Acids Research</i> , 2011, 39, 6186-6200.	14.5	61
7	The Elav-like protein HuR exerts translational control of viral internal ribosome entry sites. <i>Virology</i> , 2009, 392, 178-185.	2.4	58
8	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
9	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
10	<i>Anaplasma platys</i> in Dogs, Chile. <i>Emerging Infectious Diseases</i> , 2007, 13, 1392-1395.	4.3	50
11	Roles of HIV-1 capsid in viral replication and immune evasion. <i>Virus Research</i> , 2014, 193, 116-129.	2.2	49
12	Viral modulation of stress granules. <i>Virus Research</i> , 2012, 169, 430-437.	2.2	46
13	Dual Mechanisms of Translation Initiation of the Full-Length HIV-1 mRNA Contribute to Gag Synthesis. <i>PLoS ONE</i> , 2013, 8, e68108.	2.5	44
14	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
15	Strategies for Success. <i>Viral Infections and Membraneless Organelles. Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 336.	3.9	42
16	Translation initiation of viral mRNAs. <i>Reviews in Medical Virology</i> , 2010, 20, 177-195.	8.3	41
17	Proteomic analysis of HIV-1 Gag interacting partners using proximity-dependent biotinylation. <i>Virology Journal</i> , 2015, 12, 138.	3.4	38
18	The 5'-untranslated region of the mouse mammary tumor virus mRNA exhibits cap-independent translation initiation. <i>Nucleic Acids Research</i> , 2010, 38, 618-632.	14.5	32

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19	HIV-1 enhances mTORC1 activity and repositions lysosomes to the periphery by co-opting Rag GTPases. <i>Scientific Reports</i> , 2017, 7, 5515.	3.3	31
20	Insights into neutralizing antibody responses in individuals exposed to SARS-CoV-2 in Chile. <i>Science Advances</i> , 2021, 7, .	10.3	29
21	Depletion of hnRNP A2/B1 overrides the nuclear retention of the HIV-1 genomic RNA. <i>RNA Biology</i> , 2013, 10, 1714-1725.	3.1	26
22	Interactions between the HIV-1 Unspliced mRNA and Host mRNA Decay Machineries. <i>Viruses</i> , 2016, 8, 320.	3.3	24
23	A Revâ€“CBP80â€“eIF4AI complex drives Gag synthesis from the HIV-1 unspliced mRNA. <i>Nucleic Acids Research</i> , 2018, 46, 11539-11552.	14.5	22
24	Screening of Natural Products Inhibitors of SARS-CoV-2 Entry. <i>Molecules</i> , 2022, 27, 1743.	3.8	22
25	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
26	RNA Helicase DDX3: A Double-Edged Sword for Viral Replication and Immune Signaling. <i>Microorganisms</i> , 2021, 9, 1206.	3.6	21
27	Emerging Roles of N6-Methyladenosine on HIV-1 RNA Metabolism and Viral Replication. <i>Frontiers in Microbiology</i> , 2018, 9, 576.	3.5	20
28	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
29	A cis-Acting Element Present within the gag Open Reading Frame Negatively Impacts on the Activity of the HIV-1 IRES. <i>PLoS ONE</i> , 2013, 8, e56962.	2.5	18
30	Epitranscriptomic regulation of HIV-1 full-length RNA packaging. <i>Nucleic Acids Research</i> , 2022, 50, 2302-2318.	14.5	18
31	Epitranscriptomic regulation of viral replication. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 460-471.	1.9	17
32	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
33	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
34	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
35	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
36	Call to Action: Supporting Latin American Early Career Researchers on the Quest for Sustainable Development in the Region. <i>Frontiers in Research Metrics and Analytics</i> , 2021, 6, 657120.	1.9	8

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37	Sustained Antibody-Dependent NK Cell Functions in Mild COVID-19 Outpatients During Convalescence. <i>Frontiers in Immunology</i> , 2022, 13, 796481.	4.8	7
38	The [Mo6Cl14]2 ⁺ Cluster is Biologically Secure and Has Anti-Rotavirus Activity In Vitro. <i>Molecules</i> , 2017, 22, 1108.	3.8	6
39	Crosstalk between RNA Metabolism and Cellular Stress Responses during Zika Virus Replication. <i>Pathogens</i> , 2020, 9, 158.	2.8	6
40	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
41	Bocavirus humano en Chile: características clínicas y epidemiológicas en niños con infecciones respiratorias. <i>Revista Chilena De Infectología</i> , 2011, 28, 504-511.	0.1	4
42	Escherichia coli HS and Enterotoxigenic Escherichia coli Hinder Stress Granule Assembly. <i>Microorganisms</i> , 2021, 9, 17.	3.6	3
43	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
44	N6 -Methyladenosine Negatively Regulates Human Respiratory Syncytial Virus Replication. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 739445.	3.7	2
45	Dynein Light-Chain Dynlrb2 Is Essential for Murine Leukemia Virus Traffic and Nuclear Entry. <i>Journal of Virology</i> , 2021, 95, e0017021.	3.4	1
46	In Situ Hybridization-Proximity Ligation Assay (ISH-PLA) to Study the Interaction of HIV-1 RNA and Remodeling Proteins. <i>Methods in Molecular Biology</i> , 2021, 2209, 307-319.	0.9	1
47	Surveillance of seasonal respiratory viruses among Chilean patients during the COVID-19 pandemic. <i>Health Science Reports</i> , 2021, 4, e433.	1.5	0