

Juan Carlos de la Torre

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6305992/juan-carlos-de-la-torre-publications-by-year.pdf>

Version: 2024-04-27

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.

119
papers

5,243
citations

42
h-index

69
g-index

135
ext. papers

6,485
ext. citations

7.6
avg, IF

5.68
L-index

#	Paper	IF	Citations
119	SARS-CoV-2 Nucleocapsid Protein TR-FRET Assay Amenable to High Throughput Screening.. <i>ACS Pharmacology and Translational Science</i> , 2022 , 5, 8-19	5.9	0
118	Functional interactomes of the Ebola virus polymerase identified by proximity proteomics in the context of viral replication.. <i>Cell Reports</i> , 2022 , 38, 110544	10.6	1
117	Sars-Cov-2 Infection Promotes Endothelial Dysfunction and Thrombosis in a Mouse Model of COVID-19. <i>Blood</i> , 2021 , 138, 999-999	2.2	
116	Progress in Anti-Mammarenavirus Drug Development. <i>Viruses</i> , 2021 , 13,	6.2	2
115	Metformin inhibition of mitochondrial ATP and DNA synthesis abrogates NLRP3 inflammasome activation and pulmonary inflammation. <i>Immunity</i> , 2021 , 54, 1463-1477.e11	32.3	33
114	The SARS-CoV-2 Cytopathic Effect Is Blocked by Lysosome Alkalizing Small Molecules. <i>ACS Infectious Diseases</i> , 2021 , 7, 1389-1408	5.5	39
113	Lassa Virus Vaccine Candidate ML29 Generates Truncated Viral RNAs Which Contribute to Interfering Activity and Attenuation. <i>Viruses</i> , 2021 , 13,	6.2	2
112	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021 , 166, 3513-3566	2.6	10
111	Inhibitors of Anti-apoptotic Bcl-2 Family Proteins Exhibit Potent and Broad-Spectrum Anti-mammarenavirus Activity via Cell Cycle Arrest at G0/G1 Phase. <i>Journal of Virology</i> , 2021 , 95, e0139921	6.6	1
110	A Bifluorescent-Based Assay for the Identification of Neutralizing Antibodies against SARS-CoV-2 Variants of Concern and. <i>Journal of Virology</i> , 2021 , 95, e0112621	6.6	2
109	Analysis of SARS-CoV-2 infection dynamic in vivo using reporter-expressing viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
108	A Lassa Virus Live-Attenuated Vaccine Candidate Based on Rearrangement of the Intergenic Region. <i>MBio</i> , 2020 , 11,	7.8	9
107	High crossreactivity of human T cell responses between Lassa virus lineages. <i>PLoS Pathogens</i> , 2020 , 16, e1008352	7.6	10
106	Identification and Characterization of Novel Compounds with Broad-Spectrum Antiviral Activity against Influenza A and B Viruses. <i>Journal of Virology</i> , 2020 , 94,	6.6	23
105	A Lassa Fever Live-Attenuated Vaccine Based on Codon Deoptimization of the Viral Glycoprotein Gene. <i>MBio</i> , 2020 , 11,	7.8	18
104	Ebola-Specific CD8+ and CD4+ T-Cell Responses in Sierra Leonean Ebola Virus Survivors With or Without Post-Ebola Sequelae. <i>Journal of Infectious Diseases</i> , 2020 , 222, 1488-1497	7	9
103	A cell-based, infectious-free, platform to identify inhibitors of lassa virus ribonucleoprotein (vRNP) activity. <i>Antiviral Research</i> , 2020 , 173, 104667	10.8	6

102	Rescue of SARS-CoV-2 from a Single Bacterial Artificial Chromosome. <i>MBio</i> , 2020 , 11,	7.8	34
101	A single mutation (V64G) within the RING Domain of Z attenuates Junin virus. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008555	4.8	3
100	Development of a High-Throughput Homogeneous AlphaLISA Drug Screening Assay for the Detection of SARS-CoV-2 Nucleocapsid. <i>ACS Pharmacology and Translational Science</i> , 2020 , 3, 1233-1241	5.9	4
99	Development of Reverse Genetics for the Prototype New World Mammarenavirus Tacaribe Virus. <i>Journal of Virology</i> , 2020 , 94,	6.6	7
98	Novel Dihydroorotate Dehydrogenase Inhibitors with Potent Interferon-Independent Antiviral Activity against Mammarenaviruses In Vitro. <i>Viruses</i> , 2020 , 12,	6.2	5
97	Reverse genetics approaches for the development of mammarenavirus live-attenuated vaccines. <i>Current Opinion in Virology</i> , 2020 , 44, 66-72	7.5	2
96	Identification of Inhibitors of ZIKV Replication. <i>Viruses</i> , 2020 , 12,	6.2	5
95	Human Pluripotent Stem Cell-Derived Neural Cells and Brain Organoids Reveal SARS-CoV-2 Neurotropism Predominates in Choroid Plexus Epithelium. <i>Cell Stem Cell</i> , 2020 , 27, 937-950.e9	18	151
94	Identification of Common CD8 T Cell Epitopes from Lassa Fever Survivors in Nigeria and Sierra Leone. <i>Journal of Virology</i> , 2020 , 94,	6.6	6
93	High crossreactivity of human T cell responses between Lassa virus lineages 2020 , 16, e1008352		
92	High crossreactivity of human T cell responses between Lassa virus lineages 2020 , 16, e1008352		
91	High crossreactivity of human T cell responses between Lassa virus lineages 2020 , 16, e1008352		
90	High crossreactivity of human T cell responses between Lassa virus lineages 2020 , 16, e1008352		
89	Beyond Tethering the Viral Particles: Immunomodulatory Functions of Tetherin (). <i>DNA and Cell Biology</i> , 2019 , 38, 1170-1177	3.6	7
88	Taxonomy of the order Bunyavirales: second update 2018. <i>Archives of Virology</i> , 2019 , 164, 927-941	2.6	76
87	Taxonomy of the order Bunyavirales: update 2019. <i>Archives of Virology</i> , 2019 , 164, 1949-1965	2.6	148
86	Dimethyl Fumarate Disrupts Human Innate Immune Signaling by Targeting the IRAK4-MyD88 Complex. <i>Journal of Immunology</i> , 2019 , 202, 2737-2746	5.3	26
85	The ReFRAME library as a comprehensive drug repurposing library to identify mammarenavirus inhibitors. <i>Antiviral Research</i> , 2019 , 169, 104558	10.8	23

84	The chameleonic genetics of Lassa virus. <i>Lancet Infectious Diseases, The</i> , 2019 , 19, 1276-1277	25.5	
83	Lassa virus diversity and feasibility for universal prophylactic vaccine. <i>F1000Research</i> , 2019 , 8,	3.6	14
82	ICTV Virus Taxonomy Profile: Arenaviridae. <i>Journal of General Virology</i> , 2019 , 100, 1200-1201	4.9	31
81	Persistence of Lassa Virus Associated With Severe Systemic Arteritis in Convalescing Guinea Pigs (<i>Cavia porcellus</i>). <i>Journal of Infectious Diseases</i> , 2019 , 219, 1818-1822	7	10
80	Taxonomy of the family Arenaviridae and the order Bunyvirales: update 2018. <i>Archives of Virology</i> , 2018 , 163, 2295-2310	2.6	108
79	A Highly Conserved Leucine in Mammarenavirus Matrix Z Protein Is Required for Z Interaction with the Virus L Polymerase and Z Stability in Cells Harboring an Active Viral Ribonucleoprotein. <i>Journal of Virology</i> , 2018 , 92,	6.6	6
78	Mining a Kr̄inke Pyridine Library for Anti-Arenavirus Activity. <i>ACS Infectious Diseases</i> , 2018 , 4, 815-824	5.5	8
77	Analysis of CD8 T cell response during the 2013-2016 Ebola epidemic in West Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E7578-E7586	11.5	38
76	BST-2 controls T cell proliferation and exhaustion by shaping the early distribution of a persistent viral infection. <i>PLoS Pathogens</i> , 2018 , 14, e1007172	7.6	9
75	DDX3 suppresses type I interferons and favors viral replication during Arenavirus infection. <i>PLoS Pathogens</i> , 2018 , 14, e1007125	7.6	25
74	PLD3 and PLD4 are single-stranded acid exonucleases that regulate endosomal nucleic-acid sensing. <i>Nature Immunology</i> , 2018 , 19, 942-953	19.1	56
73	Interactome analysis of the lymphocytic choriomeningitis virus nucleoprotein in infected cells reveals ATPase Na ⁺ /K ⁺ transporting subunit Alpha 1 and prohibitin as host-cell factors involved in the life cycle of mammarenaviruses. <i>PLoS Pathogens</i> , 2018 , 14, e1006892	7.6	22
72	Recombinant Lassa Virus Expressing Green Fluorescent Protein as a Tool for High-Throughput Drug Screens and Neutralizing Antibody Assays. <i>Viruses</i> , 2018 , 10,	6.2	21
71	Transcription and replication mechanisms of Bunyviridae and Arenaviridae L proteins. <i>Virus Research</i> , 2017 , 234, 118-134	6.4	43
70	Lassa Virus Reverse Genetics. <i>Methods in Molecular Biology</i> , 2017 , 1602, 185-204	1.4	5
69	Development of Recombinant Arenavirus-Based Vaccines. <i>Methods in Molecular Biology</i> , 2017 , 1581, 133-149	1.4	3
68	Progression of type 1 diabetes from the prediabetic stage is controlled by interferon-β signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3708-3713	11.5	31
67	Breaking the Barrier: Host Cell Invasion by Lujo Virus. <i>Cell Host and Microbe</i> , 2017 , 22, 583-585	23.4	4

66	Development of live-attenuated arenavirus vaccines based on codon deoptimization of the viral glycoprotein. <i>Virology</i> , 2017 , 501, 35-46	3.6	32
65	Resistance of human plasmacytoid dendritic CAL-1 cells to infection with lymphocytic choriomeningitis virus (LCMV) is caused by restricted virus cell entry, which is overcome by contact of CAL-1 cells with LCMV-infected cells. <i>Virology</i> , 2017 , 511, 106-113	3.6	1
64	Absence of an N-Linked Glycosylation Motif in the Glycoprotein of the Live-Attenuated Argentine Hemorrhagic Fever Vaccine, Candid #1, Results in Its Improper Processing, and Reduced Surface Expression. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 20	5.9	16
63	Arenavirus Quasispecies and Their Biological Implications. <i>Current Topics in Microbiology and Immunology</i> , 2016 , 392, 231-76	3.3	20
62	Residues K465 and G467 within the Cytoplasmic Domain of GP2 Play a Critical Role in the Persistence of Lymphocytic Choriomeningitis Virus in Mice. <i>Journal of Virology</i> , 2016 , 90, 10102-10112	6.6	1
61	The High Degree of Sequence Plasticity of the Arenavirus Noncoding Intergenic Region (IGR) Enables the Use of a Nonviral Universal Synthetic IGR To Attenuate Arenaviruses. <i>Journal of Virology</i> , 2016 , 90, 3187-97	6.6	14
60	Type I and Type II Interferon Coordinately Regulate Suppressive Dendritic Cell Fate and Function during Viral Persistence. <i>PLoS Pathogens</i> , 2016 , 12, e1005356	7.6	38
59	Reporter-Expressing, Replicating-Competent Recombinant Arenaviruses. <i>Viruses</i> , 2016 , 8,	6.2	6
58	Most neutralizing human monoclonal antibodies target novel epitopes requiring both Lassa virus glycoprotein subunits. <i>Nature Communications</i> , 2016 , 7, 11544	17.4	99
57	The Chemokine Receptor CX3CR1 Defines Three Antigen-Experienced CD8 ⁺ T Cell Subsets with Distinct Roles in Immune Surveillance and Homeostasis. <i>Immunity</i> , 2016 , 45, 1270-1284	32.3	271
56	Reverse Genetics Approaches to Control Arenavirus. <i>Methods in Molecular Biology</i> , 2016 , 1403, 313-51	1.4	12
55	Novel strategies for development of hemorrhagic fever arenavirus live-attenuated vaccines. <i>Expert Review of Vaccines</i> , 2016 , 15, 1113-21	5.2	3
54	Early virus-host interactions dictate the course of a persistent infection. <i>PLoS Pathogens</i> , 2015 , 11, e1004588	4.588	24
53	Efficient Interaction between Arenavirus Nucleoprotein (NP) and RNA-Dependent RNA Polymerase (L) Is Mediated by the Virus Nucleocapsid (NP-RNA) Template. <i>Journal of Virology</i> , 2015 , 89, 5734-8	6.6	5
52	The glycoprotein precursor gene of Junin virus determines the virulence of the Romero strain and the attenuation of the Candid #1 strain in a representative animal model of Argentine hemorrhagic fever. <i>Journal of Virology</i> , 2015 , 89, 5949-56	6.6	27
51	Lymphocytic Choriomeningitis Virus Differentially Affects the Virus-Induced Type I Interferon Response and Mitochondrial Apoptosis Mediated by RIG-I/MAVS. <i>Journal of Virology</i> , 2015 , 89, 6240-50	6.6	24
50	Identification and Mechanism of Action of a Novel Small-Molecule Inhibitor of Arenavirus Multiplication. <i>Journal of Virology</i> , 2015 , 89, 10924-33	6.6	30
49	Increased Immune Response Variability during Simultaneous Viral Coinfection Leads to Unpredictability in CD8 T Cell Immunity and Pathogenesis. <i>Journal of Virology</i> , 2015 , 89, 10786-801	6.6	17

48	General Molecular Strategy for Development of Arenavirus Live-Attenuated Vaccines. <i>Journal of Virology</i> , 2015 , 89, 12166-77	6.6	21
47	Arenavirus Genome Rearrangement for the Development of Live Attenuated Vaccines. <i>Journal of Virology</i> , 2015 , 89, 7373-84	6.6	22
46	Suppression of Fcγ-receptor-mediated antibody effector function during persistent viral infection. <i>Immunity</i> , 2015 , 42, 379-390	32.3	48
45	Development of live-attenuated arenavirus vaccines based on codon deoptimization. <i>Journal of Virology</i> , 2015 , 89, 3523-33	6.6	56
44	Inhibition of arenavirus by A3, a pyrimidine biosynthesis inhibitor. <i>Journal of Virology</i> , 2014 , 88, 878-89	6.6	43
43	Type I interferon suppresses de novo virus-specific CD4 Th1 immunity during an established persistent viral infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7409-14	11.5	66
42	RIG-I enhanced interferon independent apoptosis upon Junin virus infection. <i>PLoS ONE</i> , 2014 , 9, e99610	3.7	20
41	Type I interferon is a therapeutic target for virus-induced lethal vascular damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 8925-30	11.5	44
40	Cell entry of lymphocytic choriomeningitis virus is restricted in myotubes. <i>Virology</i> , 2014 , 458-459, 22-32	3.6	8
39	Inhibition of multiplication of the prototypic arenavirus LCMV by valproic acid. <i>Antiviral Research</i> , 2013 , 99, 172-9	10.8	21
38	Arenavirus reverse genetics for vaccine development. <i>Journal of General Virology</i> , 2013 , 94, 1175-1188	4.9	35
37	Mice lacking functional STAT1 are highly susceptible to lethal infection with Lassa virus. <i>Journal of Virology</i> , 2013 , 87, 10908-11	6.6	42
36	Evaluation of the anti-arenaviral activity of the subtilisin kexin isozyme-1/site-1 protease inhibitor PF-429242. <i>Virology</i> , 2012 , 423, 14-22	3.6	43
35	Arenavirus nucleoproteins prevent activation of nuclear factor kappa B. <i>Journal of Virology</i> , 2012 , 86, 8185-97	6.6	70
34	The PI3K/Akt pathway contributes to arenavirus budding. <i>Journal of Virology</i> , 2012 , 86, 4578-85	6.6	40
33	Arenavirus nucleoprotein targets interferon regulatory factor-activating kinase IKKα. <i>Journal of Virology</i> , 2012 , 86, 7728-38	6.6	95
32	Hypomorphic mutation in the site-1 protease Mbtps1 endows resistance to persistent viral infection in a cell-specific manner. <i>Cell Host and Microbe</i> , 2011 , 9, 212-222	23.4	20
31	Arenavirus reverse genetics: new approaches for the investigation of arenavirus biology and development of antiviral strategies. <i>Virology</i> , 2011 , 411, 416-25	3.6	60

30	Ribavirin can be mutagenic for arenaviruses. <i>Journal of Virology</i> , 2011 , 85, 7246-55	6.6	73
29	The C-terminal region of lymphocytic choriomeningitis virus nucleoprotein contains distinct and segregable functional domains involved in NP-Z interaction and counteraction of the type I interferon response. <i>Journal of Virology</i> , 2011 , 85, 13038-48	6.6	43
28	Antiviral activity of a small-molecule inhibitor of arenavirus glycoprotein processing by the cellular site 1 protease. <i>Journal of Virology</i> , 2011 , 85, 795-803	6.6	61
27	Arenavirus budding. <i>Advances in Virology</i> , 2011 , 2011, 180326	1.9	25
26	Rescue from cloned cDNAs and in vivo characterization of recombinant pathogenic Romero and live-attenuated Candid #1 strains of Junin virus, the causative agent of Argentine hemorrhagic fever disease. <i>Journal of Virology</i> , 2011 , 85, 1473-83	6.6	75
25	Point mutation in the glycoprotein of lymphocytic choriomeningitis virus is necessary for receptor binding, dendritic cell infection, and long-term persistence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 2969-74	11.5	81
24	Structural characterization of the Z RING-eIF4E complex reveals a distinct mode of control for eIF4E. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 5441-6 ^{11.5}	11.5	58
23	Generation of recombinant lymphocytic choriomeningitis viruses with trisegmented genomes stably expressing two additional genes of interest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 3473-8	11.5	102
22	Identification of amino acid residues critical for the anti-interferon activity of the nucleoprotein of the prototypic arenavirus lymphocytic choriomeningitis virus. <i>Journal of Virology</i> , 2009 , 83, 11330-40	6.6	96
21	Molecular and cell biology of the prototypic arenavirus LCMV: implications for understanding and combating hemorrhagic fever arenaviruses. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1171 Suppl 1, E57-64	6.5	29
20	A cell-based luciferase assay amenable to high-throughput screening of inhibitors of arenavirus budding. <i>Virology</i> , 2008 , 382, 107-14	3.6	35
19	Reverse genetics approaches to combat pathogenic arenaviruses. <i>Antiviral Research</i> , 2008 , 80, 239-50	10.8	24
18	Arenavirus Z-glycoprotein association requires Z myristoylation but not functional RING or late domains. <i>Journal of Virology</i> , 2007 , 81, 9451-60	6.6	81
17	Differential inhibition of type I interferon induction by arenavirus nucleoproteins. <i>Journal of Virology</i> , 2007 , 81, 12696-703	6.6	149
16	Rescue of the prototypic Arenavirus LCMV entirely from plasmid. <i>Virology</i> , 2006 , 350, 370-80	3.6	86
15	Inhibition of the type I interferon response by the nucleoprotein of the prototypic arenavirus lymphocytic choriomeningitis virus. <i>Journal of Virology</i> , 2006 , 80, 9192-9	6.6	196
14	Reverse-genetic approaches to the study of Borna disease virus. <i>Nature Reviews Microbiology</i> , 2006 , 4, 777-83	22.2	19
13	Arenavirus extinction through lethal mutagenesis. <i>Virus Research</i> , 2005 , 107, 207-14	6.4	14

12	Functional characterization of the genomic promoter of borna disease virus (BDV): implications of 3Rterminal sequence heterogeneity for BDV persistence. <i>Journal of Virology</i> , 2005 , 79, 6544-50	6.6	20
11	Dual role of the lymphocytic choriomeningitis virus intergenic region in transcription termination and virus propagation. <i>Journal of Virology</i> , 2005 , 79, 4519-26	6.6	81
10	Myristoylation of the RING finger Z protein is essential for arenavirus budding. <i>Journal of Virology</i> , 2004 , 78, 11443-8	6.6	105
9	Lethal mutagenesis of the prototypic arenavirus lymphocytic choriomeningitis virus (LCMV). <i>Virology</i> , 2003 , 308, 37-47	3.6	143
8	Characterization of the genomic promoter of the prototypic arenavirus lymphocytic choriomeningitis virus. <i>Journal of Virology</i> , 2003 , 77, 1184-94	6.6	84
7	Role of the virus nucleoprotein in the regulation of lymphocytic choriomeningitis virus transcription and RNA replication. <i>Journal of Virology</i> , 2003 , 77, 3882-7	6.6	91
6	The small RING finger protein Z drives arenavirus budding: implications for antiviral strategies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 12978-83	11.5	280
5	Bornavirus and the brain. <i>Journal of Infectious Diseases</i> , 2002 , 186 Suppl 2, S241-7	7	47
4	Identification of the lymphocytic choriomeningitis virus (LCMV) proteins required to rescue LCMV RNA analogs into LCMV-like particles. <i>Journal of Virology</i> , 2002 , 76, 6393-7	6.6	80
3	RING finger Z protein of lymphocytic choriomeningitis virus (LCMV) inhibits transcription and RNA replication of an LCMV S-segment minigenome. <i>Journal of Virology</i> , 2001 , 75, 9415-26	6.6	118
2	NP and L proteins of lymphocytic choriomeningitis virus (LCMV) are sufficient for efficient transcription and replication of LCMV genomic RNA analogs. <i>Journal of Virology</i> , 2000 , 74, 3470-7	6.6	194
1	Viral persistence in neurons alters synaptic plasticity and cognitive functions without destruction of brain cells. <i>Virology</i> , 1996 , 220, 508-15	3.6	57