

Amilcar Tanuri

List of Publications by Citations

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72
papers

3,497
citations

24
h-index

59
g-index

83
ext. papers

4,381
ext. citations

7.5
avg, IF

4.84
L-index

#	Paper	IF	Citations
72	Zika virus impairs growth in human neurospheres and brain organoids. <i>Science</i> , 2016 , 352, 816-8	33.3	790
71	Evolution and epidemic spread of SARS-CoV-2 in Brazil. <i>Science</i> , 2020 , 369, 1255-1260	33.3	277
70	Congenital Zika Virus Infection: Beyond Neonatal Microcephaly. <i>JAMA Neurology</i> , 2016 , 73, 1407-1416	17.2	270
69	Genomic characterization of a novel SARS-CoV-2 lineage from Rio de Janeiro, Brazil. <i>Journal of Virology</i> , 2021 ,	6.6	191
68	Congenital Brain Abnormalities and Zika Virus: What the Radiologist Can Expect to See Prenatally and Postnatally. <i>Radiology</i> , 2016 , 281, 203-18	20.5	186
67	Genomic and epidemiological monitoring of yellow fever virus transmission potential. <i>Science</i> , 2018 , 361, 894-899	33.3	184
66	Chloroquine, an Endocytosis Blocking Agent, Inhibits Zika Virus Infection in Different Cell Models. <i>Viruses</i> , 2016 , 8,	6.2	181
65	Geographic and temporal trends in the molecular epidemiology and genetic mechanisms of transmitted HIV-1 drug resistance: an individual-patient- and sequence-level meta-analysis. <i>PLoS Medicine</i> , 2015 , 12, e1001810	11.6	163
64	Brazilian Network for HIV Drug Resistance Surveillance (HIV-BResNet): a survey of chronically infected individuals. <i>Aids</i> , 2003 , 17, 1063-9	3.5	138
63	The spectrum of neuropathological changes associated with congenital Zika virus infection. <i>Acta Neuropathologica</i> , 2017 , 133, 983-999	14.3	122
62	A specific subtype C of human immunodeficiency virus type 1 circulates in Brazil. <i>Aids</i> , 2003 , 17, 11-21	3.5	105
61	Zika virus disrupts molecular fingerprinting of human neurospheres. <i>Scientific Reports</i> , 2017 , 7, 40780	4.9	82
60	Genomic characterization of a novel SARS-CoV-2 lineage from Rio de Janeiro, Brazil		68
59	Reactivation of latent HIV-1 by new semi-synthetic ingenol esters. <i>Virology</i> , 2014 , 462-463, 328-39	3.6	67
58	Brazilian Network for HIV Drug Resistance Surveillance: a survey of individuals recently diagnosed with HIV. <i>Journal of the International AIDS Society</i> , 2009 , 12, 20	5.4	64
57	Yellow fever virus is susceptible to sofosbuvir both in vitro and in vivo. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007072	4.8	57
56	Zika virus infection leads to mitochondrial failure, oxidative stress and DNA damage in human iPSC-derived astrocytes. <i>Scientific Reports</i> , 2020 , 10, 1218	4.9	47

55	Natural Plant Alkaloid (Emetine) Inhibits HIV-1 Replication by Interfering with Reverse Transcriptase Activity. <i>Molecules</i> , 2015 , 20, 11474-89	4.8	39
54	Genotypic and phenotypic evidence of different drug-resistance mutation patterns between B and non-B subtype isolates of human immunodeficiency virus type 1 found in Brazilian patients failing HAART. <i>Virus Genes</i> , 2001 , 23, 193-202	2.3	37
53	Ultrastructural analysis of SARS-CoV-2 interactions with the host cell via high resolution scanning electron microscopy. <i>Scientific Reports</i> , 2020 , 10, 16099	4.9	37
52	Zika virus impairs the development of blood vessels in a mouse model of congenital infection. <i>Scientific Reports</i> , 2018 , 8, 12774	4.9	31
51	Congenital Zika syndrome is associated with maternal protein malnutrition. <i>Science Advances</i> , 2020 , 6, eaaw6284	14.3	31
50	Occurrence of Harmful Cyanobacteria in Drinking Water from a Severely Drought-Impacted Semi-arid Region. <i>Frontiers in Microbiology</i> , 2018 , 9, 176	5.7	30
49	Prevalence of mutations related to HIV-1 antiretroviral resistance in Brazilian patients failing HAART. <i>Journal of Clinical Virology</i> , 2002 , 25, 39-46	14.5	27
48	Genetic variation and susceptibilities to protease inhibitors among subtype B and F isolates in Brazil. <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 253-8	5.9	24
47	Molecular alterations in the extracellular matrix in the brains of newborns with congenital Zika syndrome. <i>Science Signaling</i> , 2020 , 13,	8.8	20
46	Antiretroviral treatment, government policy and economy of HIV/AIDS in Brazil: is it time for HIV cure in the country?. <i>AIDS Research and Therapy</i> , 2019 , 16, 19	3	18
45	The cyanobacterial saxitoxin exacerbates neural cell death and brain malformations induced by Zika virus. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008060	4.8	17
44	Genotypic and phenotypic characterization of human immunodeficiency virus type 1 isolates circulating in pregnant women from Mozambique. <i>Archives of Virology</i> , 2008 , 153, 2013-7	2.6	15
43	Current evidence of neurological features, diagnosis, and neuropathogenesis associated with COVID-19. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2020 , 53, e20200477	1.5	15
42	Brazilian network for HIV Drug Resistance Surveillance (HIV-BresNet): a survey of treatment-naive individuals. <i>Journal of the International AIDS Society</i> , 2018 , 21, e25032	5.4	14
41	Variations in maternal adenylate cyclase genes are associated with congenital Zika syndrome in a cohort from Northeast, Brazil. <i>Journal of Internal Medicine</i> , 2019 , 285, 215-222	10.8	12
40	Zika Virus in the Joint of a Patient with Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2017 , 44, 535	4.1	9
39	Frequency of human immunodeficiency virus type-2 in hiv infected patients in Maputo City, Mozambique. <i>Virology Journal</i> , 2011 , 8, 408	6.1	9
38	Effect of Convalescent Plasma in Critically Ill Patients With COVID-19: An Observational Study. <i>Frontiers in Medicine</i> , 2021 , 8, 630982	4.9	9

37	Trends in Prevalence of HIV-1 Drug Resistance in a Public Clinic in Maputo, Mozambique. <i>PLoS ONE</i> , 2015 , 10, e0130580	3.7	8
36	Genetic diversity in HIV-1 subtype C LTR from Brazil and Mozambique generates new transcription factor-binding sites. <i>Viruses</i> , 2014 , 6, 2495-504	6.2	7
35	Intra-host evolution during SARS-CoV-2 persistent infection		7
34	Epidemiological dynamics of SARS-CoV-2 VOC Gamma in Rio de Janeiro, Brazil. <i>Virus Evolution</i> , 2021 , 7, veab087	3.7	7
33	Modified ingenol semi-synthetic derivatives from Euphorbia tirucalli induce cytotoxicity on a large panel of human cancer cell lines. <i>Investigational New Drugs</i> , 2019 , 37, 1029-1035	4.3	6
32	Evolution and epidemic spread of SARS-CoV-2 in Brazil		6
31	Follow-up on long-term antiretroviral therapy for cats infected with feline immunodeficiency virus. <i>Journal of Feline Medicine and Surgery</i> , 2016 , 18, 264-72	2.3	5
30	Genomic Surveillance Tracks the First Community Outbreak of the SARS-CoV-2 Delta (B.1.617.2) Variant in Brazil. <i>Journal of Virology</i> , 2021 , JVI0122821	6.6	5
29	The performance of a new point-of-care HIV virus load technology to identify patients failing antiretroviral treatment. <i>Journal of Clinical Virology</i> , 2020 , 122, 104212	14.5	5
28	Reactivation of latent HIV-1 in vitro using an ethanolic extract from Euphorbia umbellata (Euphorbiaceae) latex. <i>PLoS ONE</i> , 2018 , 13, e0207664	3.7	5
27	Differential in vitro kinetics of drug resistance mutation acquisition in HIV-1 RT of subtypes B and C. <i>PLoS ONE</i> , 2012 , 7, e46622	3.7	4
26	Maternal SARS-CoV-2 Infection Associated to Systemic Inflammatory Response and Pericardial Effusion in the Newborn: A Case Report. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021 , 10, 536-539	4.8	4
25	Turnover of SARS-CoV-2 Lineages Shaped the Pandemic and Enabled the Emergence of New Variants in the State of Rio de Janeiro, Brazil. <i>Viruses</i> , 2021 , 13,	6.2	4
24	Development and large-scale validation of a highly accurate SARS-COV-2 serological test using regular test strips for autonomous and affordable finger-prick sample collection, transportation, and storage		4
23	Intracellular host cell membrane remodelling induced by SARS-CoV-2 infection in vitro. <i>Biology of the Cell</i> , 2021 , 113, 281-293	3.5	3
22	Phorbol Esters from the Latex of : Bioguided Isolation of Highly Potent HIV-1 Latency Interrupters in Virus Reservoir Cells. <i>Journal of Natural Products</i> , 2021 , 84, 1666-1670	4.9	3
21	Carpal tunnel syndrome after chikungunya infection. <i>International Journal of Infectious Diseases</i> , 2016 , 53, 21-22	10.5	3
20	Semi-Synthetic Ingenol Derivative from Euphorbia tirucalli Inhibits Protein Kinase C Isoforms and Promotes Autophagy and S-phase Arrest on Glioma Cell Lines. <i>Molecules</i> , 2019 , 24,	4.8	3

19	Laboratory Acquired Zika Virus Infection Through Mouse Bite: A Case Report. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa259	1	2
18	Combined proteome and transcriptome analyses reveal that Zika virus circulating in Brazil alters cell cycle and neurogenic programmes in human neurospheres		2
17	Whole-exome sequencing reveals insights into genetic susceptibility to Congenital Zika Syndrome. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009507	4.8	2
16	Epidemiological dynamics of SARS-CoV-2 VOC Gamma in Rio de Janeiro, Brazil		2
15	COVID-19 diagnosis by RT-qPCR in alternative specimens. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2021 , 116, e210085	2.6	2
14	HIV-1 molecular diversity in Brazil unveiled by 10 years of sampling by the national genotyping network. <i>Scientific Reports</i> , 2021 , 11, 15842	4.9	2
13	Emergence of Within-Host SARS-CoV-2 Recombinant Genome After Coinfection by Gamma and Delta Variants: A Case Report.. <i>Frontiers in Public Health</i> , 2022 , 10, 849978	6	2
12	Avaliaç� de dois testes sorol�gicos comerciais para diagn�stico das infecç�es pelo FIV e pelo FeLV. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2019 , 71, 447-454	0.3	1
11	Performance of an alternative RT-PCR procedure using residual sample from the Panbio�Ag COVID-19 test. <i>Brazilian Journal of Infectious Diseases</i> , 2021 , 25, 101630	2.8	1
10	Molecular testing and analysis of disease spreading during the emergence of COVID-19 in Maca� the Brazilian National Capital of Oil. <i>Scientific Reports</i> , 2021 , 11, 20121	4.9	1
9	Development and validation of a simple and rapid way to generate low volume of plasma to be used in point-of-care HIV virus load technologies. <i>Brazilian Journal of Infectious Diseases</i> , 2020 , 24, 30-33	2.8	1
8	Exome-Wide Search for Genes Associated With Central Nervous System Inflammatory Demyelinating Diseases Following CHIKV Infection: The Tip of the Iceberg. <i>Frontiers in Genetics</i> , 2021 , 12, 639364	4.5	1
7	Turnover of SARS-CoV-2 lineages shaped the pandemic and enabled the emergence of new variants in the state of Rio de Janeiro, Brazil		1
6	Forging Collaborative Relationships in Brazil: From AIDS to ZIKV. <i>Cell</i> , 2016 , 166, 2-4	56.2	1
5	Identification and characterisation of SARS-CoV-2 and Human alphaherpesvirus 1 from a productive coinfection in a fatal COVID-19 case.. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2022 , 116, e210176	2.6	0
4	Analytical and clinical performance of molecular assay used by the Brazilian public laboratory network to detect and discriminate Zika, Dengue and Chikungunya viruses in blood. <i>Brazilian Journal of Infectious Diseases</i> , 2021 , 25, 101542	2.8	0
3	Dr. Roimicher, , reply. <i>Journal of Rheumatology</i> , 2018 , 45, 444	4.1	
2	Transmission dynamics and molecular characterization of HIV-1 epidemic among therapeutic failure patients in Santa Catarina state, southern Brazil. <i>Infection, Genetics and Evolution</i> , 2021 , 92, 104854	4.5	

- 1 Current evidence of neurological features, diagnosis, and neuropathogenesis associated with COVID-19.. *Revista Da Sociedade Brasileira De Medicina Tropical*, **2022**, 55, e0534 1.5