Amilcar Tanuri

List of Publications by Year in descending order

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Version: 2024-02-01

		236912	102480
69	4,952	25	66
papers	citations	h-index	g-index

83	83	83	9748
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Zika virus impairs growth in human neurospheres and brain organoids. Science, 2016, 352, 816-818.	12.6	1,016
2	Evolution and epidemic spread of SARS-CoV-2 in Brazil. Science, 2020, 369, 1255-1260.	12.6	454
3	Congenital Zika Virus Infection. JAMA Neurology, 2016, 73, 1407.	9.0	334
4	Genomic Characterization of a Novel SARS-CoV-2 Lineage from Rio de Janeiro, Brazil. Journal of Virology, 2021, 95, .	3.4	302
5	Genomic and epidemiological monitoring of yellow fever virus transmission potential. Science, 2018, 361, 894-899.	12.6	279
6	Congenital Brain Abnormalities and Zika Virus: What the Radiologist Can Expect to See Prenatally and Postnatally. Radiology, 2016, 281, 203-218.	7.3	231
7	Chloroquine, an Endocytosis Blocking Agent, Inhibits Zika Virus Infection in Different Cell Models. Viruses, 2016, 8, 322.	3.3	227
8	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. PLoS Medicine, 2015, 12, e1001810.	8.4	188
9	Brazilian Network for HIV Drug Resistance Surveillance (HIV-BResNet). Aids, 2003, 17, 1063-1069.	2.2	171
10	The spectrum of neuropathological changes associated with congenital Zika virus infection. Acta Neuropathologica, 2017, 133, 983-999.	7.7	155
11	A specific subtype C of human immunodeficiency virus type 1 circulates in Brazil. Aids, 2003, 17, 11-21.	2.2	122
12	Zika virus disrupts molecular fingerprinting of human neurospheres. Scientific Reports, 2017, 7, 40780.	3.3	120
13	Zika virus infection leads to mitochondrial failure, oxidative stress and DNA damage in human iPSC-derived astrocytes. Scientific Reports, 2020, 10, 1218.	3.3	95
14	Yellow fever virus is susceptible to sofosbuvir both in vitro and in vivo. PLoS Neglected Tropical Diseases, 2019, 13, e0007072.	3.0	84
15	Ultrastructural analysis of SARS-CoV-2 interactions with the host cell via high resolution scanning electron microscopy. Scientific Reports, 2020, 10, 16099.	3.3	81
16	Reactivation of latent HIV-1 by new semi-synthetic ingenol esters. Virology, 2014, 462-463, 328-339.	2.4	79
17	Brazilian Network for HIV Drug Resistance Surveillance: a survey of individuals recently diagnosed with HIV. Journal of the International AIDS Society, 2009, 12, 20-20.	3.0	71
18	Natural Plant Alkaloid (Emetine) Inhibits HIV-1 Replication by Interfering with Reverse Transcriptase Activity. Molecules, 2015, 20, 11474-11489.	3.8	56

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19	Congenital Zika syndrome is associated with maternal protein malnutrition. Science Advances, 2020, 6, eaaw6284.	10.3	55
20	Zika virus impairs the development of blood vessels in a mouse model of congenital infection. Scientific Reports, 2018, 8, 12774.	3.3	49
21	Prevalence of mutations related to HIV-1 antiretroviral resistance in Brazilian patients failing HAART. Journal of Clinical Virology, 2002, 25, 39-46.	3.1	48
22	Occurrence of Harmful Cyanobacteria in Drinking Water from a Severely Drought-Impacted Semi-arid Region. Frontiers in Microbiology, 2018, 9, 176.	3.5	46
23	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. Virus Genes, 2001, 23, 193-202.	1.6	45
24	Molecular alterations in the extracellular matrix in the brains of newborns with congenital Zika syndrome. Science Signaling, 2020, 13, .	3.6	39
25	Genetic Variation and Susceptibilities to Protease Inhibitors among Subtype B and F Isolates in Brazil. Antimicrobial Agents and Chemotherapy, 1999, 43, 253-258.	3.2	35
26	Brazilian network for <scp>HIV</scp> Drug Resistance Surveillance (<scp>HIV</scp>â€BresNet): a survey of treatmentâ€naive individuals. Journal of the International AIDS Society, 2018, 21, e25032.	3.0	28
27	The cyanobacterial saxitoxin exacerbates neural cell death and brain malformations induced by Zika virus. PLoS Neglected Tropical Diseases, 2020, 14, e0008060.	3.0	28
28	Antiretroviral treatment, government policy and economy of HIV/AIDS in Brazil: is it time for HIV cure in the country?. AIDS Research and Therapy, 2019, 16, 19.	1.7	26
29	Epidemiological dynamics of SARS-CoV-2 VOC Gamma in Rio de Janeiro, Brazil. Virus Evolution, 2021, 7, veab087.	4.9	23
30	Genomic Surveillance Tracks the First Community Outbreak of the SARS-CoV-2 Delta (B.1.617.2) Variant in Brazil. Journal of Virology, 2022, 96, JVI0122821.	3.4	21
31	Current evidence of neurological features, diagnosis, and neuropathogenesis associated with COVID-19. Revista Da Sociedade Brasileira De Medicina Tropical, 2020, 53, e20200477.	0.9	20
32	Maternal SARS-CoV-2 Infection Associated to Systemic Inflammatory Response and Pericardial Effusion in the Newborn: A Case Report. Journal of the Pediatric Infectious Diseases Society, 2021, 10, 536-539.	1.3	19
33	Variations in maternal adenylate cyclase genes are associated with congenital Zika syndrome in a cohort from Northeast, Brazil. Journal of Internal Medicine, 2019, 285, 215-222.	6.0	18
34	Genotypic and phenotypic characterization of human immunodeficiency virus type 1 isolates circulating in pregnant women from Mozambique. Archives of Virology, 2008, 153, 2013-2017.	2.1	17
35	Evaluation of the Panbio COVID-19 Antigen Rapid Diagnostic Test in Subjects Infected with Omicron Using Different Specimens. Microbiology Spectrum, 2022, 10, .	3.0	17
36	Effect of Convalescent Plasma in Critically Ill Patients With COVID-19: An Observational Study. Frontiers in Medicine, 2021, 8, 630982.	2.6	15

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37	Intracellular host cell membrane remodelling induced by SARSâ€CoVâ€2 infection in vitro. Biology of the Cell, 2021, 113, 281-293.	2.0	14
38	Emergence of Within-Host SARS-CoV-2 Recombinant Genome After Coinfection by Gamma and Delta Variants: A Case Report. Frontiers in Public Health, 2022, 10, 849978.	2.7	14
39	Turnover of SARS-CoV-2 Lineages Shaped the Pandemic and Enabled the Emergence of New Variants in the State of Rio de Janeiro, Brazil. Viruses, 2021, 13, 2013.	3.3	13
40	Genetic Diversity in HIV-1 Subtype C LTR from Brazil and Mozambique Generates New Transcription Factor-Binding Sites. Viruses, 2014, 6, 2495-2504.	3.3	12
41	Modified ingenol semi-synthetic derivatives from Euphorbia tirucalli induce cytotoxicity on a large panel of human cancer cell lines. Investigational New Drugs, 2019, 37, 1029-1035.	2.6	10
42	Performance of an alternative RT-PCR procedure using residual sample from the Panbioâ„¢ Ag COVID-19 test. Brazilian Journal of Infectious Diseases, 2021, 25, 101630.	0.6	10
43	Frequency of human immunodeficiency virus type-2 in hiv infected patients in Maputo City, Mozambique. Virology Journal, 2011, 8, 408.	3.4	9
44	Trends in Prevalence of HIV-1 Drug Resistance in a Public Clinic in Maputo, Mozambique. PLoS ONE, 2015, 10, e0130580.	2.5	9
45	Zika Virus in the Joint of a Patient with Rheumatoid Arthritis. Journal of Rheumatology, 2017, 44, 535-535.	2.0	9
46	Phorbol Esters from the Latex of Euphorbia umbellata: Bioguided Isolation of Highly Potent HIV-1 Latency Interrupters in Virus Reservoir Cells. Journal of Natural Products, 2021, 84, 1666-1670.	3.0	9
47	HIV-1 molecular diversity in Brazil unveiled by 10Âyears of sampling by the national genotyping network. Scientific Reports, 2021, 11, 15842.	3.3	9
48	Semi-Synthetic Ingenol Derivative from Euphorbia tirucalli Inhibits Protein Kinase C Isotypes and Promotes Autophagy and S-phase Arrest on Glioma Cell Lines. Molecules, 2019, 24, 4265.	3.8	8
49	The performance of a new point-of-care HIV virus load technology to identify patients failing antiretroviral treatment. Journal of Clinical Virology, 2020, 122, 104212.	3.1	8
50	Exome-Wide Search for Genes Associated With Central Nervous System Inflammatory Demyelinating Diseases Following CHIKV Infection: The Tip of the Iceberg. Frontiers in Genetics, 2021, 12, 639364.	2.3	8
51	Follow-up on long-term antiretroviral therapy for cats infected with feline immunodeficiency virus. Journal of Feline Medicine and Surgery, 2016, 18, 264-272.	1.6	6
52	Reactivation of latent HIV-1 in vitro using an ethanolic extract from Euphorbia umbellata (Euphorbiaceae) latex. PLoS ONE, 2018, 13, e0207664.	2.5	6
53	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. Brazilian Journal of Infectious Diseases, 2021, 25, 101542.	0.6	6
54	Plasma and memory antibody responses to Gamma SARS-CoV-2 provide limited cross-protection to other variants. Journal of Experimental Medicine, 2022, 219, .	8.5	6

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55	COVID-19 diagnosis by RT-qPCR in alternative specimens. Memorias Do Instituto Oswaldo Cruz, 2021, 116, e210085.	1.6	5
56	Whole-exome sequencing reveals insights into genetic susceptibility to Congenital Zika Syndrome. PLoS Neglected Tropical Diseases, 2021, 15, e0009507.	3.0	5
57	Carpal tunnel syndrome after chikungunya infection. International Journal of Infectious Diseases, 2016, 53, 21-22.	3.3	4
58	AvaliaÃ§Ã£o de dois testes sorolÃ³gicos comerciais para diagnÃ³stico das infecÃ§Ãµes pelo FIV e pelo FeLV. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2019, 71, 447-454.	0.4	4
59	Differential In Vitro Kinetics of Drug Resistance Mutation Acquisition in HIV-1 RT of Subtypes B and C. PLoS ONE, 2012, 7, e46622.	2.5	4
60	Molecular testing and analysis of disease spreading during the emergence of COVID-19 in MacaÃ©, the Brazilian National Capital of Oil. Scientific Reports, 2021, 11, 20121.	3.3	4
61	Forging Collaborative Relationships in Brazil: From AIDS to ZIKV. Cell, 2016, 166, 2-4.	28.9	3
62	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. Brazilian Journal of Infectious Diseases, 2020, 24, 30-33.	0.6	2
63	Laboratory Acquired Zika Virus Infection Through Mouse Bite: A Case Report. Open Forum Infectious Diseases, 2020, 7, ofaa259.	0.9	2
64	Identification and characterisation of SARS-CoV-2 and Human alphaherpesvirus 1 from a productive coinfection in a fatal COVID-19 case. Memorias Do Instituto Oswaldo Cruz, 2022, 116, e210176.	1.6	2
65	Current evidence of neurological features, diagnosis, and neuropathogenesis associated with COVID-19. Revista Da Sociedade Brasileira De Medicina Tropical, 2022, 55, e0534.	0.9	2
66	Polymorphisms at CYP enzymes, NR1I2 and NR1I3 in association with virologic response to antiretroviral therapy in Brazilian HIV-positive individuals. Pharmacogenomics Journal, 2021, , .	2.0	1
67	Association between Maternal Non-Coding Interferon-Î» Polymorphisms and Congenital Zika Syndrome in a Cohort from Brazilian Northeast. Viruses, 2021, 13, 2253.	3.3	1
68	Dr. Roimicher, et al, reply. Journal of Rheumatology, 2018, 45, 444.2-444.	2.0	0
69	Transmission dynamics and molecular characterization of HIV-1 epidemic among therapeutic failure patients in Santa Catarina state, southern Brazil. Infection, Genetics and Evolution, 2021, 92, 104854.	2.3	0