

Claudia N Duarte Dos Santos

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

3,439
citations

201674

27
h-index

149698

56
g-index

86
all docs

86
docs citations

86
times ranked

5370
citing authors

#	ARTICLE	IF	CITATIONS
1	First report of autochthonous transmission of Zika virus in Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 569-572.	1.6	1,005
2	Zika virus damages the human placental barrier and presents marked fetal neurotropism. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016, 111, 287-293.	1.6	229
3	Î±-Glucosidase Inhibitors Reduce Dengue Virus Production by Affecting the Initial Steps of Virion Morphogenesis in the Endoplasmic Reticulum. <i>Journal of Virology</i> , 2000, 74, 564-572.	3.4	189
4	Apoptosis in the Mouse Central Nervous System in Response to Infection with Mouse-Neurovirulent Dengue Viruses. <i>Journal of Virology</i> , 1998, 72, 823-829.	3.4	148
5	The citrus flavanone naringenin impairs dengue virus replication in human cells. <i>Scientific Reports</i> , 2017, 7, 41864.	3.3	94
6	Complete nucleotide sequence of yellow fever virus vaccine strains 17DD and 17D-213. <i>Virus Research</i> , 1995, 35, 35-41.	2.2	81
7	Zika virus “an overview. <i>Microbes and Infection</i> , 2016, 18, 295-301.	1.9	79
8	The citrus flavonoid naringenin impairs the in vitro infection of human cells by Zika virus. <i>Scientific Reports</i> , 2019, 9, 16348.	3.3	76
9	Determinants in the Envelope E Protein and Viral RNA Helicase NS3 That Influence the Induction of Apoptosis in Response to Infection with Dengue Type 1 Virus. <i>Virology</i> , 2000, 274, 292-308.	2.4	62
10	Dengue virus infections: comparison of methods for diagnosing the acute disease. <i>Journal of Clinical Virology</i> , 2005, 32, 272-277.	3.1	57
11	Zika Virus Infection at Different Pregnancy Stages: Anatomopathological Findings, Target Cells and Viral Persistence in Placental Tissues. <i>Frontiers in Microbiology</i> , 2018, 9, 2266.	3.5	55
12	Construction of an infectious cDNA clone for a Brazilian prototype strain of dengue virus type 1: Characterization of a temperature-sensitive mutation in NS1. <i>Virology</i> , 2007, 362, 374-383.	2.4	53
13	Animals in the Zika Virus Life Cycle: What to Expect from Megadiverse Latin American Countries. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005073.	3.0	51
14	Dengue Virus Type 3 Isolated from a Fatal Case with Visceral Complications Induces Enhanced Proinflammatory Responses and Apoptosis of Human Dendritic Cells. <i>Journal of Virology</i> , 2011, 85, 5374-5383.	3.4	42
15	Dendritic Cell Apoptosis and the Pathogenesis of Dengue. <i>Viruses</i> , 2012, 4, 2736-2753.	3.3	41
16	A glance at subgenomic flavivirus RNAs and microRNAs in flavivirus infections. <i>Virology Journal</i> , 2016, 13, 84.	3.4	39
17	Screening of Dengue Virus Antiviral Activity of Marine Seaweeds by an In Situ Enzyme-Linked Immunosorbent Assay. <i>PLoS ONE</i> , 2012, 7, e51089.	2.5	37
18	Hantaviruses in Central South America: Phylogenetic analysis of the S segment from HPS cases in Paranj, Brazil. <i>Journal of Medical Virology</i> , 2005, 76, 553-562.	5.0	36

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19	Substrate specificity of recombinant dengue 2 virus NS2B-NS3 protease: Influence of natural and unnatural basic amino acids on hydrolysis of synthetic fluorescent substrates. Archives of Biochemistry and Biophysics, 2007, 457, 187-196.	3.0	36
20	The Polyphenol-Rich Extract from Psiloxylon mauritianum, an Endemic Medicinal Plant from Reunion Island, Inhibits the Early Stages of Dengue and Zika Virus Infection. International Journal of Molecular Sciences, 2019, 20, 1860.	4.1	36
21	Human T Lymphocytes Are Permissive for Dengue Virus Replication. Journal of Virology, 2018, 92, .	3.4	33
22	Maternal-fetal transmission of the zika virus: An intriguing interplay. Tissue Barriers, 2018, 6, e1402143.	3.2	33
23	Quinic acid derivatives inhibit dengue virus replication in vitro. Virology Journal, 2015, 12, 223.	3.4	31
24	Extract from Aphloia theiformis, an edible indigenous plant from Reunion Island, impairs Zika virus attachment to the host cell surface. Scientific Reports, 2018, 8, 10856.	3.3	31
25	Expression profile of interferon stimulated genes in central nervous system of mice infected with dengue virus Type-1. Virology, 2008, 377, 319-329.	2.4	30
26	Acute respiratory infection by human metapneumovirus in children in southern Brazil. Journal of Clinical Virology, 2007, 39, 59-62.	3.1	29
27	Phylogenetic characterization of hantaviruses from wild rodents and hantavirus pulmonary syndrome cases in the state of Parana (southern Brazil). Journal of General Virology, 2009, 90, 2166-2171.	2.9	29
28	Phenotypic Analysis of Yellow Fever Virus Derived from Complementary DNA. American Journal of Tropical Medicine and Hygiene, 1995, 52, 75-80.	1.4	28
29	Production and characterization of monoclonal antibodies against the recombinant nucleoprotein of Araucaria hantavirus. Journal of Virological Methods, 2009, 162, 96-100.	2.1	26
30	Label-free electrochemical immunosensor for quick detection of anti-hantavirus antibody. Journal of Electroanalytical Chemistry, 2019, 842, 140-145.	3.8	26
31	Development and evaluation of a novel high-throughput image-based fluorescent neutralization test for detection of Zika virus infection. PLoS Neglected Tropical Diseases, 2018, 12, e0006342.	3.0	26
32	Hantavirus infection in Brazil: development and evaluation of an enzyme immunoassay and immunoblotting based on N recombinant protein. Diagnostic Microbiology and Infectious Disease, 2007, 58, 89-97.	1.8	25
33	High Content Screening of a Kinase-Focused Library Reveals Compounds Broadly-Active against Dengue Viruses. PLoS Neglected Tropical Diseases, 2013, 7, e2073.	3.0	25
34	CLINICAL SURVEY OF HANTAVIRUS IN SOUTHERN BRAZIL AND THE DEVELOPMENT OF SPECIFIC MOLECULAR DIAGNOSIS TOOLS. American Journal of Tropical Medicine and Hygiene, 2005, 72, 800-804.	1.4	25
35	Hantavirus Infection Prevalence in Wild Rodents and Human Anti-Hantavirus Serological Profiles from Different Geographic Areas of South Brazil. American Journal of Tropical Medicine and Hygiene, 2012, 87, 371-378.	1.4	24
36	Immature Dendritic Cells Generated from Cryopreserved Human Monocytes Show Impaired Ability to Respond to LPS and to Induce Allogeneic Lymphocyte Proliferation. PLoS ONE, 2013, 8, e71291.	2.5	24

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37	Isolation of dengue virus serotype 4 genotype II from a patient with high viral load and a mixed Th1/Th17 inflammatory cytokine profile in South Brazil. <i>Virology Journal</i> , 2016, 13, 93.	3.4	24
38	Epidemiological study on dengue in southern Brazil under the perspective of climate and poverty. <i>Scientific Reports</i> , 2020, 10, 2127.	3.3	24
39	Evidence for the co-circulation of dengue virus type 3 genotypes III and V in the Northern region of Brazil during the 2002-2004 epidemics. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2008, 103, 483-488.	1.6	24
40	Evidence of circulation of Laguna Negra-like hantavirus in the Central West of Brazil: Case report. <i>Journal of Clinical Virology</i> , 2009, 45, 153-156.	3.1	23
41	Genetic and biological characterization of a densovirus isolate that affects dengue virus infection. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2011, 106, 285-292.	1.6	23
42	Does virus-bacteria coinfection increase the clinical severity of acute respiratory infection?. <i>Journal of Medical Virology</i> , 2015, 87, 1456-1461.	5.0	23
43	Development of a quantitative NS1-capture enzyme-linked immunosorbent assay for early detection of yellow fever virus infection. <i>Scientific Reports</i> , 2017, 7, 16229.	3.3	23
44	Dengue neurovirulence in mice: Identification of molecular signatures in the E and NS3 helicase domains. <i>Journal of Medical Virology</i> , 2007, 79, 1506-1517.	5.0	22
45	Doratoxylon apetalum, an Indigenous Medicinal Plant from Mascarene Islands, Is a Potent Inhibitor of Zika and Dengue Virus Infection in Human Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2382.	4.1	22
46	Genome analysis of dengue type-1 virus isolated between 1990 and 2001 in Brazil reveals a remarkable conservation of the structural proteins but amino acid differences in the non-structural proteins. <i>Virus Research</i> , 2002, 90, 197-205.	2.2	20
47	Synergistic Interactions between the NS3hel and E Proteins Contribute to the Virulence of Dengue Virus Type 1. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1624.	3.0	20
48	Kinome siRNA screen identifies novel cell-type specific dengue host target genes. <i>Antiviral Research</i> , 2014, 110, 20-30.	4.1	20
49	Population Ecology of Hantavirus Rodent Hosts in Southern Brazil. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 249-257.	1.4	20
50	Genetic and biological characterisation of Zika virus isolates from different Brazilian regions. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2019, 114, e190150.	1.6	20
51	The Geraniin-Rich Extract from Reunion Island Endemic Medicinal Plant <i>Phyllanthus phillyreifolius</i> Inhibits Zika and Dengue Virus Infection at Non-Toxic Effect Doses in Zebrafish. <i>Molecules</i> , 2020, 25, 2316.	3.8	18
52	Development, Characterization and Application of Monoclonal Antibodies against Brazilian Dengue Virus Isolates. <i>PLoS ONE</i> , 2014, 9, e110620.	2.5	17
53	Novel Camelid Antibody Fragments Targeting Recombinant Nucleoprotein of <i>Araucaria</i> hantavirus: A Prototype for an Early Diagnosis of Hantavirus Pulmonary Syndrome. <i>PLoS ONE</i> , 2014, 9, e108067.	2.5	17
54	Laboratory Diagnosis, Epidemiology, and Clinical Outcomes of Pandemic Influenza A and Community Respiratory Viral Infections in Southern Brazil. <i>Journal of Clinical Microbiology</i> , 2011, 49, 1287-1293.	3.9	15

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55	Identification of insect-specific flaviviruses in areas of Brazil and Paraguay experiencing endemic arbovirus transmission and the description of a novel flavivirus infecting <i>Sabethes belisarioi</i> . <i>Virology</i> , 2019, 527, 98-106.	2.4	15
56	Flavivirus cross-reactivity in serological tests and Guillain-Barré syndrome in a hematopoietic stem cell transplant patient: A case report. <i>Transplant Infectious Disease</i> , 2017, 19, e12700.	1.7	12
57	<i>Mycobacterium tuberculosis</i> H37Rv1419 encodes a secreted 13 kDa lectin with immunological reactivity during human tuberculosis. <i>European Journal of Immunology</i> , 2010, 40, 744-753.	2.9	11
58	Construction and characterization of a stable subgenomic replicon system of a Brazilian dengue virus type 3 strain (BR DEN3 290-02). <i>Journal of Virological Methods</i> , 2010, 163, 147-152.	2.1	10
59	Zika Virus and Microcephaly: Challenges for a Long-Term Agenda. <i>Trends in Parasitology</i> , 2016, 32, 508-511.	3.3	9
60	Yellow fever virus NS2B/NS3 protease: Hydrolytic Properties and Substrate Specificity. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 640-644.	2.1	8
61	Single point mutations in the helicase domain of the NS3 protein enhance dengue virus replicative capacity in human monocyte-derived dendritic cells and circumvent the type I interferon response. <i>Clinical and Experimental Immunology</i> , 2016, 183, 114-128.	2.6	8
62	Genome-wide analyses reveal a highly conserved Dengue virus envelope peptide which is critical for virus viability and antigenic in humans. <i>Scientific Reports</i> , 2016, 6, 36339.	3.3	8
63	Isolation and characterization of a Brazilian strain of yellow fever virus from an epizootic outbreak in 2009. <i>Acta Tropica</i> , 2017, 166, 114-120.	2.0	8
64	Flavonoids as Molecules With Anti-Zika virus Activity. <i>Frontiers in Microbiology</i> , 2021, 12, 710359.	3.5	8
65	Clinical survey of hantavirus in southern Brazil and the development of specific molecular diagnosis tools. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 72, 800-4.	1.4	8
66	Identification of a novel alphavirus related to the encephalitis complexes circulating in southern Brazil. <i>Emerging Microbes and Infections</i> , 2019, 8, 920-933.	6.5	6
67	<i>Trypanosoma Cruzi</i> Flagellar Repetitive Antigen Expression by Recombinant Baculovirus: Towards an Improved Diagnostics Reagent for Chagas' Disease. <i>Nature Biotechnology</i> , 1992, 10, 1474-1477.	17.5	5
68	Detection and clearance of a mosquito densovirus contaminant from laboratory stocks of Zika virus. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2019, 114, e180432.	1.6	5
69	Invasive aspergillosis complication in yellow fever vaccine induced viscerotropic disease. <i>Medical Mycology Case Reports</i> , 2020, 30, 12-14.	1.3	4
70	Placental Morphologic Similarities Between ZIKV-Positive and HIV-Positive Pregnant Women. <i>Frontiers in Immunology</i> , 2021, 12, 684194.	4.8	4
71	Hantavirus: General Features and Present Situation in Latin America. , 2017, , 215-233.		4
72	Vector Competence for West Nile Virus and St. Louis Encephalitis Virus (Flavivirus) of Three Tick Species of the Genus <i>Amblyomma</i> (Acari: Ixodidae). <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 1230-1235.	1.4	4

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73	Development and validation of a point-of-care test for detecting hantavirus antibodies in human and rodent samples. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 85, 323-327.	1.8	3
74	A new Aura virus isolate in Brazil shows segment duplication in the variable region of the nsP3 gene. <i>Parasites and Vectors</i> , 2018, 11, 321.	2.5	3
75	Downregulation of IGF2 expression in third trimester placental tissues from Zika virus infected women in Brazil. <i>Journal of Infection</i> , 2020, 81, 766-775.	3.3	3
76	Rapid and accurate interpretation of dengue diagnostics in the context of dengue vaccination implementation: Viewpoints and guidelines issued from an experts group consultation. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005719.	3.0	3
77	Pirahy virus: Identification of a new and potential emerging arbovirus in South Brazil. <i>Virus Evolution</i> , 2021, 7, veab105.	4.9	3
78	First evidence of asymptomatic infection related to the Araucaria (Juquitiba-like) hantavirus. <i>BMJ Case Reports</i> , 2013, 2013, bcr2013009910-bcr2013009910.	0.5	1
79	Flavivirus cross-reactivity, Guillain-Barré syndrome, and hematopoietic stem cell transplant patient: Comment response. <i>Transplant Infectious Disease</i> , 2017, 19, e12719.	1.7	1
80	Global spread of chikungunya virus: a lesson for <i>Aedes</i> -transmitted arboviruses?. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , 1-12.	1.0	1
81	Human Neutrophils Present Mild Activation by Zika Virus But Reduce the Infection of Susceptible Cells. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	1