

# Claudia N Duarte Dos Santos

## List of Publications by Year in descending order

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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	Placental Morphologic Similarities Between ZIKV-Positive and HIV-Positive Pregnant Women. <i>Frontiers in Immunology</i> , 2021, 12, 684194.	4.8	4
2	Flavonoids as Molecules With Anti-Zika virus Activity. <i>Frontiers in Microbiology</i> , 2021, 12, 710359.	3.5	8
3	Pirahy virus: Identification of a new and potential emerging arbovirus in South Brazil. <i>Virus Evolution</i> , 2021, 7, veab105.	4.9	3
4	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
5	Invasive aspergillosis complication in yellow fever vaccine induced viscerotropic disease. <i>Medical Mycology Case Reports</i> , 2020, 30, 12-14.	1.3	4
6	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
7	Epidemiological study on dengue in southern Brazil under the perspective of climate and poverty. <i>Scientific Reports</i> , 2020, 10, 2127.	3.3	24
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	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
10	<i>Doratoxylon apetalum</i> , 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
11	Label-free electrochemical immunosensor for quick detection of anti-hantavirus antibody. <i>Journal of Electroanalytical Chemistry</i> , 2019, 842, 140-145.	3.8	26
12	The Polyphenol-Rich Extract from <i>Psiloxylon mauritianum</i> , an Endemic Medicinal Plant from Reunion Island, Inhibits the Early Stages of Dengue and Zika Virus Infection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1860.	4.1	36
13	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
14	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
15	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
16	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
17	Human T Lymphocytes Are Permissive for Dengue Virus Replication. <i>Journal of Virology</i> , 2018, 92, .	3.4	33
18	Maternal-fetal transmission of the zika virus: An intriguing interplay. <i>Tissue Barriers</i> , 2018, 6, e1402143.	3.2	33

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19	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
20	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
21	Extract from <i>Aphloia theiformis</i> , an edible indigenous plant from Reunion Island, impairs Zika virus attachment to the host cell surface. <i>Scientific Reports</i> , 2018, 8, 10856.	3.3	31
22	Development and evaluation of a novel high-throughput image-based fluorescent neutralization test for detection of Zika virus infection. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006342.	3.0	26
23	The citrus flavanone naringenin impairs dengue virus replication in human cells. <i>Scientific Reports</i> , 2017, 7, 41864.	3.3	94
24	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
25	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
26	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
27	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
28	Hantavirus: General Features and Present Situation in Latin America. , 2017, , 215-233.		4
29	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
30	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
31	A glance at subgenomic flavivirus RNAs and microRNAs in flavivirus infections. <i>Virology Journal</i> , 2016, 13, 84.	3.4	39
32	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
33	Zika Virus and Microcephaly: Challenges for a Long-Term Agenda. <i>Trends in Parasitology</i> , 2016, 32, 508-511.	3.3	9
34	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
35	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
36	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

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37	Zika virus – an overview. <i>Microbes and Infection</i> , 2016, 18, 295-301.	1.9	79
38	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
39	Quinic acid derivatives inhibit dengue virus replication in vitro. <i>Virology Journal</i> , 2015, 12, 223.	3.4	31
40	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
41	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
42	Development, Characterization and Application of Monoclonal Antibodies against Brazilian Dengue Virus Isolates. <i>PLoS ONE</i> , 2014, 9, e110620.	2.5	17
43	Kinome siRNA screen identifies novel cell-type specific dengue host target genes. <i>Antiviral Research</i> , 2014, 110, 20-30.	4.1	20
44	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
45	Novel Camelid Antibody Fragments Targeting Recombinant Nucleoprotein of Araucaria hantavirus: A Prototype for an Early Diagnosis of Hantavirus Pulmonary Syndrome. <i>PLoS ONE</i> , 2014, 9, e108067.	2.5	17
46	High Content Screening of a Kinase-Focused Library Reveals Compounds Broadly-Active against Dengue Viruses. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2073.	3.0	25
47	Immature Dendritic Cells Generated from Cryopreserved Human Monocytes Show Impaired Ability to Respond to LPS and to Induce Allogeneic Lymphocyte Proliferation. <i>PLoS ONE</i> , 2013, 8, e71291.	2.5	24
48	First evidence of asymptomatic infection related to the Araucaria (Jequitiba-like) hantavirus. <i>BMJ Case Reports</i> , 2013, 2013, bcr2013009910-bcr2013009910.	0.5	1
49	Dendritic Cell Apoptosis and the Pathogenesis of Dengue. <i>Viruses</i> , 2012, 4, 2736-2753.	3.3	41
50	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
51	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
52	Hantavirus Infection Prevalence in Wild Rodents and Human Anti-Hantavirus Serological Profiles from Different Geographic Areas of South Brazil. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 87, 371-378.	1.4	24
53	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
54	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

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55	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
56	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
57	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
58	<i>Mycobacterium tuberculosis</i> Rv1419 encodes a secreted 13â€‰kDa lectin with immunological reactivity during human tuberculosis. <i>European Journal of Immunology</i> , 2010, 40, 744-753.	2.9	11
59	Production and characterization of monoclonal antibodies against the recombinant nucleoprotein of Aracaria hantavirus. <i>Journal of Virological Methods</i> , 2009, 162, 96-100.	2.1	26
60	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
61	Phylogenetic characterization of hantaviruses from wild rodents and hantavirus pulmonary syndrome cases in the state of Parana (southern Brazil). <i>Journal of General Virology</i> , 2009, 90, 2166-2171.	2.9	29
62	Expression profile of interferon stimulated genes in central nervous system of mice infected with dengue virus Type-1. <i>Virology</i> , 2008, 377, 319-329.	2.4	30
63	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
64	Substrate specificity of recombinant dengue 2 virus NS2B-NS3 protease: Influence of natural and unnatural basic amino acids on hydrolysis of synthetic fluorescent substrates. <i>Archives of Biochemistry and Biophysics</i> , 2007, 457, 187-196.	3.0	36
65	Hantavirus infection in Brazil: development and evaluation of an enzyme immunoassay and immunoblotting based on N recombinant protein. <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 58, 89-97.	1.8	25
66	Acute respiratory infection by human metapneumovirus in children in southern Brazil. <i>Journal of Clinical Virology</i> , 2007, 39, 59-62.	3.1	29
67	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
68	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
69	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
70	Dengue virus infections: comparison of methods for diagnosing the acute disease. <i>Journal of Clinical Virology</i> , 2005, 32, 272-277.	3.1	57
71	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, 800-804.	1.4	25
72	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

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73	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
74	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
75	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
76	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
77	Complete nucleotide sequence of yellow fever virus vaccine strains 17DD and 17D-213. <i>Virus Research</i> , 1995, 35, 35-41.	2.2	81
78	Phenotypic Analysis of Yellow Fever Virus Derived from Complementary DNA. <i>American Journal of Tropical Medicine and Hygiene</i> , 1995, 52, 75-80.	1.4	28
79	Trypanosoma Cruzi 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
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