

# Pedro Fernando da Costa Vasconcelos

## List of Publications by Citations

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40  
papers

9,004  
citations

24  
h-index

47  
g-index

47  
ext. papers

10,753  
ext. citations

9  
avg, IF

6.03  
L-index

#	Paper	IF	Citations
40	In situ immune response and mechanisms of cell damage in central nervous system of fatal cases microcephaly by Zika virus. <i>Scientific Reports</i> , <b>2018</b> , 8, 1	4.9	6749
39	Yellow fever. <i>Journal of Clinical Virology</i> , <b>2015</b> , 64, 160-73	14.5	371
38	A live-attenuated Zika virus vaccine candidate induces sterilizing immunity in mouse models. <i>Nature Medicine</i> , <b>2017</b> , 23, 763-767	50.5	193
37	Vaccine Mediated Protection Against Zika Virus-Induced Congenital Disease. <i>Cell</i> , <b>2017</b> , 170, 273-283.e13	36.2	175
36	An evolutionary NS1 mutation enhances Zika virus evasion of host interferon induction. <i>Nature Communications</i> , <b>2018</b> , 9, 414	17.4	157
35	Potential risk of re-emergence of urban transmission of Yellow Fever virus in Brazil facilitated by competent Aedes populations. <i>Scientific Reports</i> , <b>2017</b> , 7, 4848	4.9	124
34	A single-dose live-attenuated vaccine prevents Zika virus pregnancy transmission and testis damage. <i>Nature Communications</i> , <b>2017</b> , 8, 676	17.4	97
33	Yellow fever virus in Haemagogus leucocelaenus and Aedes serratus mosquitoes, southern Brazil, 2008. <i>Emerging Infectious Diseases</i> , <b>2010</b> , 16, 1918-24	10.2	90
32	Revisiting the liver in human yellow fever: virus-induced apoptosis in hepatocytes associated with TGF-beta, TNF-alpha and NK cells activity. <i>Virology</i> , <b>2006</b> , 345, 22-30	3.6	89
31	Genetic divergence and dispersal of yellow fever virus, Brazil. <i>Emerging Infectious Diseases</i> , <b>2004</b> , 10, 1578-84	10.2	75
30	Yellow fever in Brazil: thoughts and hypotheses on the emergence in previously free areas. <i>Revista De Saude Publica</i> , <b>2010</b> , 44, 1144-9	2.4	74
29	Zika Virus: Diagnosis, Therapeutics, and Vaccine. <i>ACS Infectious Diseases</i> , <b>2016</b> , 2, 170-2	5.5	67
28	Understanding Zika Virus Stability and Developing a Chimeric Vaccine through Functional Analysis. <i>MBio</i> , <b>2017</b> , 8,	7.8	66
27	Zika virus epidemic in Brazil. I. Fatal disease in adults: Clinical and laboratorial aspects. <i>Journal of Clinical Virology</i> , <b>2016</b> , 85, 56-64	14.5	60
26	Immunity and immune response, pathology and pathologic changes: progress and challenges in the immunopathology of yellow fever. <i>Reviews in Medical Virology</i> , <b>2013</b> , 23, 305-18	11.7	57
25	Yellow Fever Remains a Potential Threat to Public Health. <i>Vector-Borne and Zoonotic Diseases</i> , <b>2016</b> , 16, 566-7	2.4	48
24	West Nile Virus Encephalitis: The First Human Case Recorded in Brazil. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2015</b> , 93, 377-9	3.2	44

23	Oropouche fever epidemic in Northern Brazil: epidemiology and molecular characterization of isolates. <i>Journal of Clinical Virology</i> , <b>2009</b> , 44, 129-33	14.5	44
22	Reconsideration of histopathology and ultrastructural aspects of the human liver in yellow fever. <i>Acta Tropica</i> , <b>2005</b> , 94, 116-27	3.2	42
21	In situ inflammasome activation results in severe damage to the central nervous system in fatal Zika virus microcephaly cases. <i>Cytokine</i> , <b>2018</b> , 111, 255-264	4	35
20	A Single-Dose Live-Attenuated Zika Virus Vaccine with Controlled Infection Rounds that Protects against Vertical Transmission. <i>Cell Host and Microbe</i> , <b>2018</b> , 24, 487-499.e5	23.4	33
19	Genomic and phylogenetic characterization of Brazilian yellow fever virus strains. <i>Journal of Virology</i> , <b>2012</b> , 86, 13263-71	6.6	28
18	Midzonal lesions in yellow fever: a specific pattern of liver injury caused by direct virus action and in situ inflammatory response. <i>Medical Hypotheses</i> , <b>2006</b> , 67, 618-21	3.8	24
17	First isolation of West Nile virus in Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2019</b> , 114, e180332	2.6	21
16	Immunohistochemical examination of the role of Fas ligand and lymphocytes in the pathogenesis of human liver yellow fever. <i>Virus Research</i> , <b>2006</b> , 116, 91-7	6.4	21
15	Correlation between Apoptosis and in Situ Immune Response in Fatal Cases of Microcephaly Caused by Zika Virus. <i>American Journal of Pathology</i> , <b>2018</b> , 188, 2644-2652	5.8	20
14	Zika Virus Epidemic in Brazil. II. Post-Mortem Analyses of Neonates with Microcephaly, Stillbirths, and Miscarriage. <i>Journal of Clinical Medicine</i> , <b>2018</b> , 7,	5.1	15
13	Zika structural genes determine the virulence of African and Asian lineages. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 1023-1033	18.9	8
12	Cell Death And Zika Virus: An Integrated Network Of The Mechanisms Of Cell Injury. <i>Infection and Drug Resistance</i> , <b>2019</b> , 12, 2917-2921	4.2	5
11	Experimental yellow fever virus infection in the squirrel monkey ( <i>Saimiri</i> spp.) I: gross anatomical and histopathological findings in organs at necropsy. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2020</b> , 115, e190501	2.6	5
10	Yellow fever virus modulates cytokine mRNA expression and induces activation of caspase 3/7 in the human hepatocarcinoma cell line HepG2. <i>Archives of Virology</i> , <b>2019</b> , 164, 1187-1192	2.6	4
9	Reduction of Cardiac Autonomic Modulation and Increased Sympathetic Activity by Heart Rate Variability in Patients With Long COVID.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 862001	5.4	4
8	First Description of the Mitogenome and Phylogeny of Culicinae Species from the Amazon Region.. <i>Genes</i> , <b>2021</b> , 12,	4.2	3
7	IFN- $\lambda$ s a time-sensitive biomarker during Oropouche virus infection in early and late seroconverters. <i>Scientific Reports</i> , <b>2019</b> , 9, 17924	4.9	2
6	Prenatal disorders and congenital Zika syndrome in squirrel monkeys. <i>Scientific Reports</i> , <b>2021</b> , 11, 2698	4.9	2

5	Negevirus isolated from mosquitoes in the Brazilian Amazon.. <i>Virology Journal</i> , <b>2022</b> , 19, 17	6.1	1
4	Histopathological lesions of congenital Zika syndrome in newborn squirrel monkeys. <i>Scientific Reports</i> , <b>2021</b> , 11, 6099	4.9	1
3	The innate immune response in Zika virus infection. <i>Reviews in Medical Virology</i> , <b>2021</b> , 31, e2166	11.7	0
2	Absence of Anti-RBD Antibodies in SARS-CoV-2 Infected or Naive Individuals Prior to Vaccination with CoronaVac Leads to Short Protection of Only Four Months Duration. <i>Vaccines</i> , <b>2022</b> , 10, 690	5.3	0
1	Factors Involved in the Apoptotic Cell Death Mechanism in Yellow Fever Hepatitis. <i>Viruses</i> , <b>2022</b> , 14, 1204	6.2	