

Jose Luiz Proenca-Modena

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

4,485
citations

218677

26
h-index

123424

61
g-index

93
all docs

93
docs citations

93
times ranked

9971
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomics and epidemiology of the P.1 SARS-CoV-2 lineage in Manaus, Brazil. <i>Science</i> , 2021, 372, 815-821.	12.6	1,125
2	Elevated Glucose Levels Favor SARS-CoV-2 Infection and Monocyte Response through a HIF-1 α /Glycolysis-Dependent Axis. <i>Cell Metabolism</i> , 2020, 32, 437-446.e5.	16.2	578
3	Evolution and epidemic spread of SARS-CoV-2 in Brazil. <i>Science</i> , 2020, 369, 1255-1260.	12.6	454
4	Microbiota-derived acetate protects against respiratory syncytial virus infection through a GPR43-type 1 interferon response. <i>Nature Communications</i> , 2019, 10, 3273.	12.8	234
5	Positive Selection Results in Frequent Reversible Amino Acid Replacements in the G Protein Gene of Human Respiratory Syncytial Virus. <i>PLoS Pathogens</i> , 2009, 5, e1000254.	4.7	121
6	Early use of nitazoxanide in mild COVID-19 disease: randomised, placebo-controlled trial. <i>European Respiratory Journal</i> , 2021, 58, 2003725.	6.7	117
7	The TAM receptor Mertk protects against neuroinvasive viral infection by maintaining blood-brain barrier integrity. <i>Nature Medicine</i> , 2015, 21, 1464-1472.	30.7	113
8	Neutralisation of SARS-CoV-2 lineage P.1 by antibodies elicited through natural SARS-CoV-2 infection or vaccination with an inactivated SARS-CoV-2 vaccine: an immunological study. <i>Lancet Microbe</i> , The, 2021, 2, e527-e535.	7.3	92
9	Specific Biomarkers Associated With Neurological Complications and Congenital Central Nervous System Abnormalities From Zika Virus-Infected Patients in Brazil. <i>Journal of Infectious Diseases</i> , 2017, 216, 172-181.	4.0	82
10	High Rates of Detection of Respiratory Viruses in Tonsillar Tissues from Children with Chronic Adenotonsillar Disease. <i>PLoS ONE</i> , 2012, 7, e42136.	2.5	76
11	The pathogens profile in children with otitis media with effusion and adenoid hypertrophy. <i>PLoS ONE</i> , 2017, 12, e0171049.	2.5	66
12	Severe lower respiratory tract infection in infants and toddlers from a non-affluent population: viral etiology and co-detection as risk factors. <i>BMC Infectious Diseases</i> , 2013, 13, 41.	2.9	60
13	A Lipidomics Approach in the Characterization of Zika-Infected Mosquito Cells: Potential Targets for Breaking the Transmission Cycle. <i>PLoS ONE</i> , 2016, 11, e0164377.	2.5	58
14	Virulence characteristics and epidemiology of <i>Yersinia enterocolitica</i> and <i>Yersinia</i> other than <i>Y. pseudotuberculosis</i> and <i>Y. pestis</i> isolated from water and sewage. <i>Journal of Applied Microbiology</i> , 2004, 96, 1230-1236.	3.1	51
15	The “Z” of Zika drug discovery. <i>Drug Discovery Today</i> , 2018, 23, 1833-1847.	6.4	48
16	The IL-33/ST2 Pathway Controls Coxsackievirus B5-Induced Experimental Pancreatitis. <i>Journal of Immunology</i> , 2013, 191, 283-292.	0.8	40
17	Prevalence of <i>Helicobacter pylori</i> cagA, iceA and babA2 alleles in Brazilian patients with upper gastrointestinal diseases. <i>Acta Tropica</i> , 2006, 100, 232-240.	2.0	39
18	Detection of Human Bocavirus mRNA in Respiratory Secretions Correlates with High Viral Load and Concurrent Diarrhea. <i>PLoS ONE</i> , 2011, 6, e21083.	2.5	39

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19	Human and Murine IFIT1 Proteins Do Not Restrict Infection of Negative-Sense RNA Viruses of the Orthomyxoviridae, Bunyaviridae, and Filoviridae Families. <i>Journal of Virology</i> , 2015, 89, 9465-9476.	3.4	38
20	Microbiota-derived short-chain fatty acids do not interfere with SARS-CoV-2 infection of human colonic samples. <i>Gut Microbes</i> , 2021, 13, 1-9.	9.8	38
21	Oropouche Virus Infection and Pathogenesis Are Restricted by MAVS, IRF-3, IRF-7, and Type I Interferon Signaling Pathways in Nonmyeloid Cells. <i>Journal of Virology</i> , 2015, 89, 4720-4737.	3.4	37
22	Serum Metabolic Alterations upon Zika Infection. <i>Frontiers in Microbiology</i> , 2017, 8, 1954.	3.5	36
23	Kinetics of peripheral blood neutrophils in severe coronavirus disease 2019. <i>Clinical and Translational Immunology</i> , 2021, 10, e1271.	3.8	36
24	The role of lipids in the inception, maintenance and complications of dengue virus infection. <i>Scientific Reports</i> , 2018, 8, 11826.	3.3	31
25	Human adenovirus replication and persistence in hypertrophic adenoids and palatine tonsils in children. <i>Journal of Medical Virology</i> , 2019, 91, 1250-1262.	5.0	30
26	Involvement of the <i>Helicobacter pylori</i> plasticity region and <i>cag</i> pathogenicity island genes in the development of gastroduodenal diseases. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2008, 27, 1053-1059.	2.9	29
27	Apoptosis induced by Oropouche virus infection in HeLa cells is dependent on virus protein expression. <i>Virus Research</i> , 2010, 149, 56-63.	2.2	27
28	Flavonoids from <i>Pterogyne nitens</i> as Zika virus NS2B-NS3 protease inhibitors. <i>Bioorganic Chemistry</i> , 2021, 109, 104719.	4.1	26
29	Association between <i>Helicobacter pylori</i> genotypes and gastric disorders in relation to the <i>cag</i> pathogenicity island. <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 59, 7-16.	1.8	25
30	A Machine Learning Application Based in Random Forest for Integrating Mass Spectrometry-Based Metabolomic Data: A Simple Screening Method for Patients With Zika Virus. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 31.	4.1	25
31	<i>Helicobacter pylori</i> : phenotypes, genotypes and virulence genes. <i>Future Microbiology</i> , 2009, 4, 223-240.	2.0	24
32	The Seasonality of Respiratory Viruses in Patients with Chronic Rhinosinusitis. <i>American Journal of Rhinology and Allergy</i> , 2015, 29, 19-22.	2.0	23
33	Levels of SARS-CoV-2 Lineage P.1 Neutralization by Antibodies Elicited after Natural Infection and Vaccination. <i>SSRN Electronic Journal</i> , 0, , .	0.4	23
34	H5N1 avian influenza virus: an overview. <i>Brazilian Journal of Infectious Diseases</i> , 2007, 11, 125-133.	0.6	22
35	Interferon-Regulatory Factor 5-Dependent Signaling Restricts Orthobunyavirus Dissemination to the Central Nervous System. <i>Journal of Virology</i> , 2016, 90, 189-205.	3.4	22
36	Rapid clinical recovery of a SARS-CoV-2 infected common variable immunodeficiency patient following the infusion of COVID-19 convalescent plasma. <i>Allergy, Asthma and Clinical Immunology</i> , 2021, 17, 14.	2.0	22

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37	Human bocavirus respiratory infections in children. <i>Epidemiology and Infection</i> , 2009, 137, 1032-1036.	2.1	21
38	Respiratory viruses are continuously detected in children with chronic tonsillitis throughout the year. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 1655-1661.	1.0	21
39	Hypertrophic Adenoid Is a Major Infection Site of Human Bocavirus 1. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3030-3037.	3.9	21
40	Zika virus: lessons learned in Brazil. <i>Microbes and Infection</i> , 2018, 20, 661-669.	1.9	21
41	Outer Membrane Vesicles from <i>Neisseria Meningitidis</i> (Proteosome) Used for Nanostructured Zika Virus Vaccine Production. <i>Scientific Reports</i> , 2018, 8, 8290.	3.3	20
42	Acid pH Increases SARS-CoV-2 Infection and the Risk of Death by COVID-19. <i>Frontiers in Medicine</i> , 2021, 8, 637885.	2.6	20
43	Diagnostics of SARS-CoV-2 infection using electrical impedance spectroscopy with an immunosensor to detect the spike protein. <i>Talanta</i> , 2022, 239, 123076.	5.5	20
44	Efficient detection of Zika virus RNA in patients' blood from the 2016 outbreak in Campinas, Brazil. <i>Scientific Reports</i> , 2018, 8, 4012.	3.3	19
45	Inflammation markers in the saliva of infants born from Zika-infected mothers: exploring potential mechanisms of microcephaly during fetal development. <i>Scientific Reports</i> , 2019, 9, 13606.	3.3	18
46	Phylodynamics and Dispersal of HRSV Entails Its Permanence in the General Population in between Yearly Outbreaks in Children. <i>PLoS ONE</i> , 2012, 7, e41953.	2.5	18
47	Concurrent detection of other respiratory viruses in children shedding viable human respiratory syncytial virus. <i>Journal of Medical Virology</i> , 2013, 85, 1852-1859.	5.0	17
48	Oropouche virus is detected in peripheral blood leukocytes from patients. <i>Journal of Medical Virology</i> , 2017, 89, 1108-1111.	5.0	17
49	Adequate Placental Sampling for the Diagnosis and Characterization of Placental Infection by Zika Virus. <i>Frontiers in Microbiology</i> , 2020, 11, 112.	3.5	17
50	Respiratory Viral Shedding in Healthcare Workers Reinfected with SARS-CoV-2, Brazil, 2020. <i>Emerging Infectious Diseases</i> , 2021, 27, 1737-1740.	4.3	16
51	Detection of SARS-CoV-2 virus via dynamic light scattering using antibody-gold nanoparticle bioconjugates against viral spike protein. <i>Talanta</i> , 2022, 243, 123355.	5.5	16
52	Viral load of human bocavirus-1 in stools from children with viral diarrhoea in Paraguay. <i>Epidemiology and Infection</i> , 2013, 141, 2576-2580.	2.1	15
53	TLR3 is required for survival following Coxsackievirus B3 infection by driving T lymphocyte activation and polarization: The role of dendritic cells. <i>PLoS ONE</i> , 2017, 12, e0185819.	2.5	15
54	Correlation between <i>Helicobacter pylori</i> infection, gastric diseases and life habits among patients treated at a university hospital in Southeast Brazil. <i>Brazilian Journal of Infectious Diseases</i> , 2007, 11, 89-95.	0.6	13

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55	Serological Testing for COVID-19, Immunological Surveillance, and Exploration of Protective Antibodies. <i>Frontiers in Immunology</i> , 2021, 12, 635701.	4.8	13
56	Syncytia Induction by Clinical Isolates of Human Respiratory Syncytial Virus A. <i>Intervirology</i> , 2017, 60, 56-60.	2.8	11
57	ZIKV-Specific NS1 Epitopes as Serological Markers of Acute Zika Virus Infection. <i>Journal of Infectious Diseases</i> , 2019, 220, 203-212.	4.0	11
58	TAM and TIM receptors mRNA expression in Zika virus infected placentas. <i>Placenta</i> , 2020, 101, 204-207.	1.5	10
59	Rapid viral metagenomics using SMART-9N amplification and nanopore sequencing. <i>Wellcome Open Research</i> , 0, 6, 241.	1.8	10
60	Gas6 drives Zika virus-induced neurological complications in humans and congenital syndrome in immunocompetent mice. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 260-274.	4.1	10
61	The Relationship between Colonization by <i>Moraxella catarrhalis</i> and Tonsillar Hypertrophy. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2018, 2018, 1-9.	1.9	9
62	Human Bocavirus in Very Young Infants Hospitalized with Acute Respiratory Infection in Northeast Brazil. <i>Journal of Tropical Pediatrics</i> , 2010, 56, 125-127.	1.5	8
63	Pingu virus: A new picornavirus in penguins from Antarctica. <i>Virus Evolution</i> , 2019, 5, vez047.	4.9	7
64	Oropouche Virus Infects, Persists and Induces IFN Response in Human Peripheral Blood Mononuclear Cells as Identified by RNA PrimeFlow [®] and qRT-PCR Assays. <i>Viruses</i> , 2020, 12, 785.	3.3	7
65	Characterization of Placental Infection by Zika Virus in Humans: A Review of the Literature. <i>Revista Brasileira De Ginecologia E Obstetricia</i> , 2020, 42, 577-585.	0.8	7
66	Clusters of SARS-CoV-2 Lineage B.1.1.7 Infection after Vaccination with Adenovirus-Vectored and Inactivated Vaccines. <i>Viruses</i> , 2021, 13, 2127.	3.3	6
67	Ultraviolet germicidal irradiation is effective against SARS-CoV-2 in contaminated makeup powder and lipstick. <i>Journal of Photochemistry and Photobiology</i> , 2021, 8, 100072.	2.5	6
68	Bacteriophages and insertion sequences of <i>Chromobacterium violaceum</i> ATCC 12472. <i>Genetics and Molecular Research</i> , 2004, 3, 76-84.	0.2	6
69	Previous Infection with SARS-CoV-2 Correlates with Increased Protective Humoral Responses after a Single Dose of an Inactivated COVID-19 Vaccine. <i>Viruses</i> , 2022, 14, 510.	3.3	6
70	Identification of Compounds With Antiviral Activity Against SARS-CoV-2 in the MMV Pathogen Box Using a Phenotypic High-Throughput Screening Assay. <i>Frontiers in Virology</i> , 2022, 2, .	1.4	6
71	Epstein-Barr virus induces morphological and molecular changes in thyroid neoplastic cells. <i>Endocrine</i> , 2020, 69, 321-330.	2.3	5
72	Identification of SARS-CoV-2 on the ocular surface in a cohort of COVID-19 patients from Brazil. <i>Experimental Biology and Medicine</i> , 2021, 246, 2495-2501.	2.4	5

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73	Low SARS-CoV-2 seroprevalence in a cohort of Brazilian sickle cell disease patients: Possible effects of emphasis on social isolation for a population initially considered to be at very high risk. <i>EJHaem</i> , 2021, 2, 478-482.	1.0	4
74	Identification and characterization of the anti-SARS-CoV-2 activity of cationic amphiphilic steroidal compounds. <i>Virulence</i> , 2022, 13, 1031-1048.	4.4	2
75	Lymphocyte Ratios Progressively Worsen in Non-Survivors of COVID-19. <i>Blood</i> , 2021, 138, 4196-4196.	1.4	1
76	Detection of SARS-CoV-2 virus on the ocular surface of an asymptomatic health-care professional. <i>Arquivos Brasileiros De Oftalmologia</i> , 2022, 86, .	0.5	1
77	Clearance of Persistent SARS-CoV-2 RNA Detection in a NF- κ B-Deficient Patient in Association with the Ingestion of Human Breast Milk: A Case Report. <i>Viruses</i> , 2022, 14, 1042.	3.3	1
78	Respiratory Viral Infections. , 2011, , 378-391.		0
79	Replicação do vírus Oropouche em células de glioblastoma. , 0, , .		0
80	ENDOTHELIAL MODULATION DURING OROPOUCHE VIRUS INFECTION. , 0, , .		0
81	Characterization of TIM and TAM receptors expression in placenta of pregnant women infected with Zika virus. , 0, , .		0
82	Detectação e quantificação da expressão de Interferon do tipo I e III em diversas regiões placentárias de gestantes infectadas por Zika vírus. , 0, , .		0