

William Marciel de Souza

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81 papers	2,116 citations	18 h-index	45 g-index
93 ext. papers	3,226 ext. citations	7 avg, IF	4.57 L-index

#	Paper	IF	Citations
81	Genomics and epidemiology of the P.1 SARS-CoV-2 lineage in Manaus, Brazil. <i>Science</i> , 2021 , 372, 815-821	33.3	603
80	Evolution and epidemic spread of SARS-CoV-2 in Brazil. <i>Science</i> , 2020 , 369, 1255-1260	33.3	277
79	Epidemiological and clinical characteristics of the COVID-19 epidemic in Brazil. <i>Nature Human Behaviour</i> , 2020 , 4, 856-865	12.8	151
78	Taxonomy of the order Bunyavirales: update 2019. <i>Archives of Virology</i> , 2019 , 164, 1949-1965	2.6	148
77	Hantaviruses and cardiopulmonary syndrome in South America. <i>Virus Research</i> , 2014 , 187, 43-54	6.4	68
76	Oropouche Virus: Clinical, Epidemiological, and Molecular Aspects of a Neglected Orthobunyavirus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017 , 96, 1019-1030	3.2	58
75	Genomics and epidemiology of a novel SARS-CoV-2 lineage in Manaus, Brazil 2021 ,		53
74	Viral diversity of Rhipicephalus microplus parasitizing cattle in southern Brazil. <i>Scientific Reports</i> , 2018 , 8, 16315	4.9	46
73	An Ancient Lineage of Highly Divergent Parvoviruses Infects both Vertebrate and Invertebrate Hosts. <i>Viruses</i> , 2019 , 11,	6.2	39
72	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> , 2021 , 2, e527-e535	22.2	38
71	Chapparraviruses occur in at least three vertebrate classes and have a broad biogeographic distribution. <i>Journal of General Virology</i> , 2017 , 98, 225-229	4.9	37
70	Discovery of novel anelloviruses in small mammals expands the host range and diversity of the Anelloviridae. <i>Virology</i> , 2018 , 514, 9-17	3.6	28
69	A Saint Louis encephalitis and Rocio virus serosurvey in Brazilian horses. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2014 , 47, 414-7	1.5	26
68	Adipocytokines, inflammatory and oxidative stress markers of clinical relevance altered in young overweight/obese subjects. <i>Clinical Biochemistry</i> , 2016 , 49, 548-53	3.5	22
67	ICTV Virus Taxonomy Profile:. <i>Journal of General Virology</i> , 2020 , 101, 1-2	4.9	22
66	Phylogeography and evolutionary history of rodent-borne hantaviruses. <i>Infection, Genetics and Evolution</i> , 2014 , 21, 198-204	4.5	21
65	Insights into Circovirus Host Range from the Genomic Fossil Record. <i>Journal of Virology</i> , 2018 , 92,	6.6	18

64	SARS-CoV-2 reinfection caused by the P.1 lineage in Araraquara city, Sao Paulo State, Brazil. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2021 , 63, e36	2.2	18
63	Dataset on SARS-CoV-2 non-pharmaceutical interventions in Brazilian municipalities. <i>Scientific Data</i> , 2021 , 8, 73	8.2	16
62	The evolution, distribution and diversity of endogenous circoviral elements in vertebrate genomes. <i>Virus Research</i> , 2019 , 262, 15-23	6.4	16
61	Novel Parvoviruses from Wild and Domestic Animals in Brazil Provide New Insights into Parvovirus Distribution and Diversity. <i>Viruses</i> , 2018 , 10,	6.2	15
60	Development of a one-step SYBR Green I real-time RT-PCR assay for the detection and quantitation of Araraquara and Rio Mamore hantavirus. <i>Viruses</i> , 2013 , 5, 2272-81	6.2	15
59	Higher risk of death from COVID-19 in low-income and non-White populations of Sã Paulo, Brazil. <i>BMJ Global Health</i> , 2021 , 6,	6.6	15
58	Human adenovirus replication and persistence in hypertrophic adenoids and palatine tonsils in children. <i>Journal of Medical Virology</i> , 2019 , 91, 1250-1262	19.7	15
57	Murine and related chapparvoviruses are nephro-tropic and produce novel accessory proteins in infected kidneys. <i>PLoS Pathogens</i> , 2020 , 16, e1008262	7.6	14
56	Enzyme-linked immunosorbent assay using recombinant envelope protein 2 antigen for diagnosis of Chikungunya virus. <i>Virology Journal</i> , 2018 , 15, 112	6.1	13
55	Molecular characterization of Capim and Enseada orthobunyaviruses. <i>Infection, Genetics and Evolution</i> , 2016 , 40, 47-53	4.5	12
54	Serosurvey of hantavirus infection in humans in the border region between Brazil and Argentina. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2011 , 44, 131-5	1.5	11
53	Development of an Enzyme-Linked Immunosorbent Assay To Detect Antibodies Targeting Recombinant Envelope Protein 2 of Mayaro Virus. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	11
52	Novel orthohepeviruses in wild rodents from Sã Paulo State, Brazil. <i>Virology</i> , 2018 , 519, 12-16	3.6	10
51	Fatal Outcome of Chikungunya Virus Infection in Brazil. <i>Clinical Infectious Diseases</i> , 2021 , 73, e2436-e2443	11.6	10
50	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021 , 166, 3513-3566	2.6	10
49	Respiratory Viral Shedding in Healthcare Workers Reinfected with SARS-CoV-2, Brazil, 2020. <i>Emerging Infectious Diseases</i> , 2021 , 27, 1737-1740	10.2	10
48	Discovery of novel astrovirus and calicivirus identified in ruddy turnstones in Brazil. <i>Scientific Reports</i> , 2019 , 9, 5556	4.9	9
47	Mutations in the Schmallerberg Virus Gc Glycoprotein Facilitate Cellular Protein Synthesis Shutoff and Restore Pathogenicity of NSs Deletion Mutants in Mice. <i>Journal of Virology</i> , 2016 , 90, 5440-5450	6.6	9

46	Characterization of the Bujaru, frijoles and Tapara antigenic complexes into the sandfly fever group and two unclassified phleboviruses from Brazil. <i>Journal of General Virology</i> , 2017 , 98, 585-594	4.9	9
45	Effects of creatine supplementation on biomarkers of hepatic and renal function in young trained rats. <i>Toxicology Mechanisms and Methods</i> , 2013 , 23, 697-701	3.6	8
44	Natural infection of Neotropical bats with hantavirus in Brazil. <i>Scientific Reports</i> , 2018 , 8, 9018	4.9	7
43	Infection with Saint Louis encephalitis virus in the city of Ribeirao Preto, Brazil: report of one case. <i>International Journal of Infectious Diseases</i> , 2014 , 26, 96-7	10.5	7
42	Characterization of the Gamboa Virus Serogroup (Genus, Family). <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 98, 1502-1511	3.2	7
41	An ancient lineage of highly divergent parvoviruses infects both vertebrate and invertebrate hosts		7
40	Oropouche orthobunyavirus: Genetic characterization of full-length genomes and development of molecular methods to discriminate natural reassortments. <i>Infection, Genetics and Evolution</i> , 2019 , 68, 16-22	4.5	7
39	Genetic characterization of Cacipacorvirus from ticks collected in So Paulo State, Brazil. <i>Archives of Virology</i> , 2017 , 162, 1783-1786	2.6	6
38	Full-length genomic and molecular characterization of Canine parvovirus in dogs from North of Brazil. <i>Genetics and Molecular Research</i> , 2017 , 16,	1.2	6
37	Antibody levels to hantavirus in inhabitants of western Santa Catarina State, Brazil. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2012 , 54, 193-6	2.2	6
36	Genetic Characterization of the Patois Serogroup (Genus ; Family) and Evidence That Estero Real Virus is a Member of the Genus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 99, 451-457	3.2	6
35	Epidemiological and clinical characteristics of the early phase of the COVID-19 epidemic in Brazil		6
34	Evolution and epidemic spread of SARS-CoV-2 in Brazil		6
33	A Novel Hepacivirus in Wild Rodents from South America. <i>Viruses</i> , 2019 , 11,	6.2	5
32	Silent Orthohantavirus Circulation Among Humans and Small Mammals from Central Minas Gerais, Brazil. <i>EcoHealth</i> , 2018 , 15, 577-589	3.1	5
31	Analysis of the nucleocapsid gene brings new insights to the classification of Sigmodontinae-borne hantaviruses. <i>Archives of Virology</i> , 2014 , 159, 2475-7	2.6	5
30	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	16.6	5
29	Characterization of Three Novel Viruses from the Families , and , Isolated from Dead Birds Collected during West Nile Virus Surveillance in Harris County, Texas. <i>Viruses</i> , 2019 , 11,	6.2	4

28	Development of a novel plaque reduction neutralisation test for hantavirus infection. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015 , 110, 624-8	2.6	4
27	Epidemiology and evolution of Zika virus in Minas Gerais, Southeast Brazil. <i>Infection, Genetics and Evolution</i> , 2021 , 91, 104785	4.5	4
26	Evaluation and optimization of SYBR Green real-time reverse transcription polymerase chain reaction as a tool for diagnosis of the Flavivirus genus in Brazil. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2016 , 49, 279-85	1.5	4
25	A real-time RT-PCR for rapid detection and quantification of mosquito-borne alphaviruses. <i>Archives of Virology</i> , 2016 , 161, 3171-7	2.6	3
24	Report 46: Factors driving extensive spatial and temporal fluctuations in COVID-19 fatality rates in Brazilian hospitals 2021 ,		3
23	A real-time reverse transcriptase polymerase chain reaction for detection and quantification of Vesiculovirus. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016 , 111, 385-90	2.6	3
22	Pingu virus: A new picornavirus in penguins from Antarctica. <i>Virus Evolution</i> , 2019 , 5, vez047	3.7	3
21	Genomic characterization of orthobunyavirus of veterinary importance in America. <i>Infection, Genetics and Evolution</i> , 2019 , 73, 205-209	4.5	2
20	Genomic characterization and evolution of Tacaiuma orthobunyavirus (Peribunyaviridae family) isolated in Brazil. <i>Infection, Genetics and Evolution</i> , 2018 , 60, 71-76	4.5	2
19	A novel polyomavirus in sigmodontine rodents from S� Paulo State, Brazil. <i>Archives of Virology</i> , 2018 , 163, 2913-2915	2.6	2
18	Krykffe dicistrovirus: A novel dicistrovirus in velvety free-tailed bats from Brazil. <i>Infection, Genetics and Evolution</i> , 2019 , 75, 104036	4.5	2
17	Complete genome sequence of Piry vesiculovirus. <i>Archives of Virology</i> , 2016 , 161, 2325-8	2.6	2
16	Revalidation and genetic characterization of new members of Group C (Orthobunyavirus genus, Peribunyaviridae family) isolated in the Americas. <i>PLoS ONE</i> , 2018 , 13, e0197294	3.7	2
15	Rapid viral metagenomics using SMART-9N amplification and nanopore sequencing. <i>Wellcome Open Research</i> , 6 , 241	4.8	2
14	Clusters of SARS-CoV-2 Lineage B.1.1.7 Infection after Vaccination with Adenovirus-Vectored and Inactivated Vaccines. <i>Viruses</i> , 2021 , 13,	6.2	1
13	Social and racial inequalities in COVID-19 risk of hospitalisation and death across S� Paulo state, Brazil		1
12	Insights into circovirus host range from the genomic fossil record		1
11	MKPV (aka MuCPV) and related chapparvoviruses are nephro-tropic and encode novel accessory proteins p15 and NS2		1

10	Experimental infection of Rio Mamore hantavirus in Sigmodontinae rodents. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016 , 111, 399-402	2.6	1
9	Chikungunya Virus Exposure Partially Cross-Protects against Mayaro Virus Infection in Mice. <i>Journal of Virology</i> , 2021 , 95, e0112221	6.6	1
8	Gas6 drives Zika virus-induced neurological complications in humans and congenital syndrome in immunocompetent mice		1
7	Understanding Sabiá Virus infections (Brazilian mammarenavirus).. <i>Travel Medicine and Infectious Disease</i> , 2022 , 48, 102351	8.4	1
6	Paramyxoviruses from neotropical bats suggest a novel genus and nephrotropism. <i>Infection, Genetics and Evolution</i> , 2021 , 95, 105041	4.5	0
5	Clearance of Persistent SARS-CoV-2 RNA Detection in a NFB-Deficient Patient in Association with the Ingestion of Human Breast Milk: A Case Report. <i>Viruses</i> , 2022 , 14, 1042	6.2	0
4	Diagnosis of Hantavirus Infections 2016 , 658-664		
3	Evaluating the use of fluorescence-based flow cytometry assay for dengue diagnosis using peripheral blood mononuclear cells. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2018 , 51, 168-173	1.5	
2	Stability of SARS-CoV-2 and other airborne viruses under different stress conditions. <i>Archives of Virology</i> , 2021 , 1	2.6	
1	Barrita Virus, a Novel Virus of the Patois Serogroup (Genus ; Family). <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 103, 190-192	3.2	