

# William Marciel de Souza

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2406819/william-marciel-de-souza-publications-by-year.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
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	Understanding Sabin virus infections (Brazilian mammarenavirus).. <i>Travel Medicine and Infectious Disease</i> , <b>2022</b> , 48, 102351	8.4	1
80	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> , <b>2022</b> , 14, 1042	6.2	0
79	Stability of SARS-CoV-2 and other airborne viruses under different stress conditions. <i>Archives of Virology</i> , <b>2021</b> , 1	2.6	
78	Report 46: Factors driving extensive spatial and temporal fluctuations in COVID-19 fatality rates in Brazilian hospitals <b>2021</b> ,		3
77	Clusters of SARS-CoV-2 Lineage B.1.1.7 Infection after Vaccination with Adenovirus-Vectored and Inactivated Vaccines. <i>Viruses</i> , <b>2021</b> , 13,	6.2	1
76	Fatal Outcome of Chikungunya Virus Infection in Brazil. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e2436-e2443	41.6	10
75	Genomics and epidemiology of a novel SARS-CoV-2 lineage in Manaus, Brazil <b>2021</b> ,		53
74	Dataset on SARS-CoV-2 non-pharmaceutical interventions in Brazilian municipalities. <i>Scientific Data</i> , <b>2021</b> , 8, 73	8.2	16
73	Higher risk of death from COVID-19 in low-income and non-White populations of São Paulo, Brazil. <i>BMJ Global Health</i> , <b>2021</b> , 6,	6.6	15
72	Genomics and epidemiology of the P.1 SARS-CoV-2 lineage in Manaus, Brazil. <i>Science</i> , <b>2021</b> , 372, 815-821	33.3	603
71	Epidemiology and evolution of Zika virus in Minas Gerais, Southeast Brazil. <i>Infection, Genetics and Evolution</i> , <b>2021</b> , 91, 104785	4.5	4
70	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , <b>2021</b> , 166, 3513-3566	2.6	10
69	Chikungunya Virus Exposure Partially Cross-Protects against Mayaro Virus Infection in Mice. <i>Journal of Virology</i> , <b>2021</b> , 95, e0112221	6.6	1
68	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, The</i> , <b>2021</b> , 2, e527-e535	22.2	38
67	Gas6 drives Zika virus-induced neurological complications in humans and congenital syndrome in immunocompetent mice. <i>Brain, Behavior, and Immunity</i> , <b>2021</b> , 97, 260-274	16.6	5
66	Paramyxoviruses from neotropical bats suggest a novel genus and nephrotropism. <i>Infection, Genetics and Evolution</i> , <b>2021</b> , 95, 105041	4.5	0
65	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> , <b>2021</b> , 63, e36	2.2	18

64	Respiratory Viral Shedding in Healthcare Workers Reinfected with SARS-CoV-2, Brazil, 2020. <i>Emerging Infectious Diseases</i> , <b>2021</b> , 27, 1737-1740	10.2	10
63	Murine and related chapparvoviruses are nephro-tropic and produce novel accessory proteins in infected kidneys. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008262	7.6	14
62	Barrita Virus, a Novel Virus of the Patois Serogroup (Genus ; Family ). <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 103, 190-192	3.2	
61	ICTV Virus Taxonomy Profile:. <i>Journal of General Virology</i> , <b>2020</b> , 101, 1-2	4.9	22
60	Evolution and epidemic spread of SARS-CoV-2 in Brazil. <i>Science</i> , <b>2020</b> , 369, 1255-1260	33.3	277
59	Epidemiological and clinical characteristics of the COVID-19 epidemic in Brazil. <i>Nature Human Behaviour</i> , <b>2020</b> , 4, 856-865	12.8	151
58	An Ancient Lineage of Highly Divergent Parvoviruses Infects both Vertebrate and Invertebrate Hosts. <i>Viruses</i> , <b>2019</b> , 11,	6.2	39
57	Taxonomy of the order Bunyavirales: update 2019. <i>Archives of Virology</i> , <b>2019</b> , 164, 1949-1965	2.6	148
56	A Novel Hepacivirus in Wild Rodents from South America. <i>Viruses</i> , <b>2019</b> , 11,	6.2	5
55	Genomic characterization of orthobunyavirus of veterinary importance in America. <i>Infection, Genetics and Evolution</i> , <b>2019</b> , 73, 205-209	4.5	2
54	Discovery of novel astrovirus and calicivirus identified in ruddy turnstones in Brazil. <i>Scientific Reports</i> , <b>2019</b> , 9, 5556	4.9	9
53	Krykffe dicistrovirus: A novel dicistrovirus in velvety free-tailed bats from Brazil. <i>Infection, Genetics and Evolution</i> , <b>2019</b> , 75, 104036	4.5	2
52	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> , <b>2019</b> , 11,	6.2	4
51	Human adenovirus replication and persistence in hypertrophic adenoids and palatine tonsils in children. <i>Journal of Medical Virology</i> , <b>2019</b> , 91, 1250-1262	19.7	15
50	Development of an Enzyme-Linked Immunosorbent Assay To Detect Antibodies Targeting Recombinant Envelope Protein 2 of Mayaro Virus. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 57,	9.7	11
49	Pingu virus: A new picornavirus in penguins from Antarctica. <i>Virus Evolution</i> , <b>2019</b> , 5, vez047	3.7	3
48	Oropouche orthobunyavirus: Genetic characterization of full-length genomes and development of molecular methods to discriminate natural reassortments. <i>Infection, Genetics and Evolution</i> , <b>2019</b> , 68, 16-22	4.5	7
47	The evolution, distribution and diversity of endogenous circoviral elements in vertebrate genomes. <i>Virus Research</i> , <b>2019</b> , 262, 15-23	6.4	16

46	Genomic characterization and evolution of Tacaiuma orthobunyavirus (Peribunyaviridae family) isolated in Brazil. <i>Infection, Genetics and Evolution</i> , <b>2018</b> , 60, 71-76	4.5	2
45	Novel orthohepeviruses in wild rodents from S� Paulo State, Brazil. <i>Virology</i> , <b>2018</b> , 519, 12-16	3.6	10
44	A novel polyomavirus in sigmodontine rodents from S� Paulo State, Brazil. <i>Archives of Virology</i> , <b>2018</b> , 163, 2913-2915	2.6	2
43	Enzyme-linked immunosorbent assay using recombinant envelope protein 2 antigen for diagnosis of Chikungunya virus. <i>Virology Journal</i> , <b>2018</b> , 15, 112	6.1	13
42	Novel Parvoviruses from Wild and Domestic Animals in Brazil Provide New Insights into Parvovirus Distribution and Diversity. <i>Viruses</i> , <b>2018</b> , 10,	6.2	15
41	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> , <b>2018</b> , 51, 168-175	4.5	15
40	Silent Orthohantavirus Circulation Among Humans and Small Mammals from Central Minas Gerais, Brazil. <i>EcoHealth</i> , <b>2018</b> , 15, 577-589	3.1	5
39	Insights into Circovirus Host Range from the Genomic Fossil Record. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	18
38	Natural infection of Neotropical bats with hantavirus in Brazil. <i>Scientific Reports</i> , <b>2018</b> , 8, 9018	4.9	7
37	Characterization of the Gamboa Virus Serogroup ( Genus, Family). <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2018</b> , 98, 1502-1511	3.2	7
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> , <b>2018</b> , 99, 451-457	3.2	6
35	Discovery of novel anelloviruses in small mammals expands the host range and diversity of the Anelloviridae. <i>Virology</i> , <b>2018</b> , 514, 9-17	3.6	28
34	Viral diversity of Rhipicephalus microplus parasitizing cattle in southern Brazil. <i>Scientific Reports</i> , <b>2018</b> , 8, 16315	4.9	46
33	Revalidation and genetic characterization of new members of Group C (Orthobunyavirus genus, Peribunyaviridae family) isolated in the Americas. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197294	3.7	2
32	Genetic characterization of Cacipacori virus from ticks collected in S� Paulo State, Brazil. <i>Archives of Virology</i> , <b>2017</b> , 162, 1783-1786	2.6	6
31	Oropouche Virus: Clinical, Epidemiological, and Molecular Aspects of a Neglected Orthobunyavirus. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 96, 1019-1030	3.2	58
30	Full-length genomic and molecular characterization of Canine parvovirus in dogs from North of Brazil. <i>Genetics and Molecular Research</i> , <b>2017</b> , 16,	1.2	6
29	Chapparraviruses occur in at least three vertebrate classes and have a broad biogeographic distribution. <i>Journal of General Virology</i> , <b>2017</b> , 98, 225-229	4.9	37

28	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> , <b>2017</b> , 98, 585-594	4.9	9
27	Diagnosis of Hantavirus Infections <b>2016</b> , 658-664		
26	A real-time RT-PCR for rapid detection and quantification of mosquito-borne alphaviruses. <i>Archives of Virology</i> , <b>2016</b> , 161, 3171-7	2.6	3
25	Mutations in the Schmallenberg Virus Gc Glycoprotein Facilitate Cellular Protein Synthesis Shutoff and Restore Pathogenicity of NSs Deletion Mutants in Mice. <i>Journal of Virology</i> , <b>2016</b> , 90, 5440-5450	6.6	9
24	Adipocytokines, inflammatory and oxidative stress markers of clinical relevance altered in young overweight/obese subjects. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 548-53	3.5	22
23	Molecular characterization of Capim and Enseada orthobunyaviruses. <i>Infection, Genetics and Evolution</i> , <b>2016</b> , 40, 47-53	4.5	12
22	Experimental infection of Rio Mamore hantavirus in Sigmodontinae rodents. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2016</b> , 111, 399-402	2.6	1
21	A real-time reverse transcriptase polymerase chain reaction for detection and quantification of Vesiculovirus. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2016</b> , 111, 385-90	2.6	3
20	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> , <b>2016</b> , 49, 279-85	1.5	4
19	Complete genome sequence of Piry vesiculovirus. <i>Archives of Virology</i> , <b>2016</b> , 161, 2325-8	2.6	2
18	Development of a novel plaque reduction neutralisation test for hantavirus infection. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2015</b> , 110, 624-8	2.6	4
17	Hantaviruses and cardiopulmonary syndrome in South America. <i>Virus Research</i> , <b>2014</b> , 187, 43-54	6.4	68
16	Analysis of the nucleocapsid gene brings new insights to the classification of Sigmodontinae-borne hantaviruses. <i>Archives of Virology</i> , <b>2014</b> , 159, 2475-7	2.6	5
15	Phylogeography and evolutionary history of rodent-borne hantaviruses. <i>Infection, Genetics and Evolution</i> , <b>2014</b> , 21, 198-204	4.5	21
14	Infection with Saint Louis encephalitis virus in the city of Ribeirao Preto, Brazil: report of one case. <i>International Journal of Infectious Diseases</i> , <b>2014</b> , 26, 96-7	10.5	7
13	A Saint Louis encephalitis and Rocio virus serosurvey in Brazilian horses. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , <b>2014</b> , 47, 414-7	1.5	26
12	Effects of creatine supplementation on biomarkers of hepatic and renal function in young trained rats. <i>Toxicology Mechanisms and Methods</i> , <b>2013</b> , 23, 697-701	3.6	8
11	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> , <b>2013</b> , 5, 2272-81	6.2	15

10	Antibody levels to hantavirus in inhabitants of western Santa Catarina State, Brazil. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , <b>2012</b> , 54, 193-6	2.2	6
9	Serosurvey of hantavirus infection in humans in the border region between Brazil and Argentina. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , <b>2011</b> , 44, 131-5	1.5	11
8	Epidemiological and clinical characteristics of the early phase of the COVID-19 epidemic in Brazil		6
7	Evolution and epidemic spread of SARS-CoV-2 in Brazil		6
6	Social and racial inequalities in COVID-19 risk of hospitalisation and death across S� Paulo state, Brazil		1
5	Insights into circovirus host range from the genomic fossil record		1
4	An ancient lineage of highly divergent parvoviruses infects both vertebrate and invertebrate hosts		7
3	MKPV (aka MuCPV) and related chapparvoviruses are nephro-tropic and encode novel accessory proteins p15 and NS2		1
2	Rapid viral metagenomics using SMART-9N amplification and nanopore sequencing. <i>Wellcome Open Research</i> , <b>6</b> , 241	4.8	2
1	Gas6 drives Zika virus-induced neurological complications in humans and congenital syndrome in immunocompetent mice		1