William Marciel de Souza

List of Publications by Year
in descending order

77 papers	3,969 citations	279798 23 h-index	149698 56 g-index
93 all docs	93 docs citations	93 times ranked	7838 citing authors

#	Article	IF	Citations
1	Genomics and epidemiology of the P.1 SARS-CoV-2 lineage in Manaus, Brazil. Science, 2021, 372, 815-821.	12.6	1,125
2	Evolution and epidemic spread of SARS-CoV-2 in Brazil. Science, 2020, 369, 1255-1260.	12.6	454
3	Taxonomy of the order Bunyavirales: update 2019. Archives of Virology, 2019, 164, 1949-1965.	2.1	285
4	Epidemiological and clinical characteristics of the COVID-19 epidemic in Brazil. Nature Human Behaviour, 2020, 4, 856-865.	12.0	281
5	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2020, 165, 3023-3072.	2.1	184
6	Hantaviruses and cardiopulmonary syndrome in South America. Virus Research, 2014, 187, 43-54.	2.2	95
7	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. Lancet Microbe, The, 2021, 2, e527-e535.	7.3	92
8	Oropouche Virus: Clinical, Epidemiological, and Molecular Aspects of a Neglected Orthobunyavirus. American Journal of Tropical Medicine and Hygiene, 2017, 96, 16-0672.	1.4	81
9	Viral diversity of Rhipicephalus microplus parasitizing cattle in southern Brazil. Scientific Reports, 2018, 8, 16315.	3.3	72
10	An Ancient Lineage of Highly Divergent Parvoviruses Infects both Vertebrate and Invertebrate Hosts. Viruses, 2019, 11, 525.	3.3	64
11	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2021, 166, 3513-3566.	2.1	62
12	Chapparvoviruses occur in at least three vertebrate classes and have a broad biogeographic distribution. Journal of General Virology, 2017, 98, 225-229.	2.9	58
13	Higher risk of death from COVID-19 in low-income and non-White populations of SÃ£o Paulo, Brazil. BMJ Global Health, 2021, 6, e004959.	4.7	55
14	ICTV Virus Taxonomy Profile: Peribunyaviridae. Journal of General Virology, 2020, 101, 1-2.	2.9	51
15	Discovery of novel anelloviruses in small mammals expands the host range and diversity of the Anelloviridae. Virology, 2018, 514, 9-17.	2.4	46
16	Fatal Outcome of Chikungunya Virus Infection in Brazil. Clinical Infectious Diseases, 2021, 73, e2436-e2443.	5.8	40
17	Insights into Circovirus Host Range from the Genomic Fossil Record. Journal of Virology, 2018, 92, .	3.4	39
18	SARS-CoV-2 reinfection caused by the P.1 lineage in Araraquara city, Sao Paulo State, Brazil. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2021, 63, e36.	1.1	37

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19	A Saint Louis encephalitis and Rocio virus serosurvey in Brazilian horses. Revista Da Sociedade Brasileira De Medicina Tropical, 2014, 47, 414-417.	0.9	34
20	Human adenovirus replication and persistence in hypertrophic adenoids and palatine tonsils in children. Journal of Medical Virology, 2019, 91, 1250-1262.	5.0	30
21	Dataset on SARS-CoV-2 non-pharmaceutical interventions in Brazilian municipalities. Scientific Data, 2021, 8, 73.	5.3	29
22	Novel Parvoviruses from Wild and Domestic Animals in Brazil Provide New Insights into Parvovirus Distribution and Diversity. Viruses, 2018, 10, 143.	3.3	28
23	Phylogeography and evolutionary history of rodent-borne hantaviruses. Infection, Genetics and Evolution, 2014, 21, 198-204.	2.3	27
24	The evolution, distribution and diversity of endogenous circoviral elements in vertebrate genomes. Virus Research, 2019, 262, 15-23.	2.2	27
25	Adipocytokines, inflammatory and oxidative stress markers of clinical relevance altered in young overweight/obese subjects. Clinical Biochemistry, 2016, 49, 548-553.	1.9	24
26	Spatial and temporal fluctuations in COVID-19 fatality rates in Brazilian hospitals. Nature Medicine, 2022, 28, 1476-1485.	30.7	24
27	Murine and related chapparvoviruses are nephro-tropic and produce novel accessory proteins in infected kidneys. PLoS Pathogens, 2020, 16, e1008262.	4.7	23
28	Natural infection of Neotropical bats with hantavirus in Brazil. Scientific Reports, 2018, 8, 9018.	3.3	21
29	Enzyme-linked immunosorbent assay using recombinant envelope protein 2 antigen for diagnosis of Chikungunya virus. Virology Journal, 2018, 15, 112.	3.4	19
30	Discovery of novel astrovirus and calicivirus identified in ruddy turnstones in Brazil. Scientific Reports, 2019, 9, 5556.	3.3	19
31	Development of an Enzyme-Linked Immunosorbent Assay To Detect Antibodies Targeting Recombinant Envelope Protein 2 of Mayaro Virus. Journal of Clinical Microbiology, 2019, 57, .	3.9	17
32	Chikungunya Virus Exposure Partially Cross-Protects against Mayaro Virus Infection in Mice. Journal of Virology, 2021, 95, e0112221.	3.4	17
33	Oropouche orthobunyavirus: Genetic characterization of full-length genomes and development of molecular methods to discriminate natural reassortments. Infection, Genetics and Evolution, 2019, 68, 16-22.	2.3	16
34	Respiratory Viral Shedding in Healthcare Workers Reinfected with SARS-CoV-2, Brazil, 2020. Emerging Infectious Diseases, 2021, 27, 1737-1740.	4.3	16
35	Development of a One-Step SYBR Green I Real-Time RT-PCR Assay for the Detection and Quantitation of Araraquara and Rio Mamore Hantavirus. Viruses, 2013, 5, 2272-2281.	3.3	15
36	A Novel Hepacivirus in Wild Rodents from South America. Viruses, 2019, 11, 297.	3.3	15

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37	Characterization of the Bujaru, frijoles and Tapara antigenic complexes into the sandfly fever group and two unclassified phleboviruses from Brazil. Journal of General Virology, 2017, 98, 585-594.	2.9	15
38	Serosurvey of hantavirus infection in humans in the border region between Brazil and Argentina. Revista Da Sociedade Brasileira De Medicina Tropical, 2011, 44, 131-135.	0.9	14
39	Effects of creatine supplementation on biomarkers of hepatic and renal function in young trained rats. Toxicology Mechanisms and Methods, 2013, 23, 697-701.	2.7	13
40	Molecular characterization of Capim and Enseada orthobunyaviruses. Infection, Genetics and Evolution, 2016, 40, 47-53.	2.3	13
41	Novel orthohepeviruses in wild rodents from SÃ£o Paulo State, Brazil. Virology, 2018, 519, 12-16.	2.4	13
42	Research Article Full-length genomic and molecular characterization of Canine parvovirus in dogs from North of Brazil.. Genetics and Molecular Research, 2017, 16, .	0.2	12
43	Mutations in the Schmallenberg Virus Gc Glycoprotein Facilitate Cellular Protein Synthesis Shutoff and Restore Pathogenicity of NSs Deletion Mutants in Mice. Journal of Virology, 2016, 90, 5440-5450.	3.4	10
44	Rapid viral metagenomics using SMART-9N amplification and nanopore sequencing. Wellcome Open Research, 0, 6, 241.	1.8	10
45	Gas6 drives Zika virus-induced neurological complications in humans and congenital syndrome in immunocompetent mice. Brain, Behavior, and Immunity, 2021, 97, 260-274.	4.1	10
46	Paramyxoviruses from neotropical bats suggest a novel genus and nephrotropism. Infection, Genetics and Evolution, 2021, 95, 105041.	2.3	10
47	Infection with Saint Louis encephalitis virus in the city of Ribeirao Preto, Brazil: report of one case. International Journal of Infectious Diseases, 2014, 26, 96-97.	3.3	9
48	Characterization of the Gamboa Virus Serogroup (Orthobunyavirus Genus, Peribunyaviridae Family). American Journal of Tropical Medicine and Hygiene, 2018, 98, 1502-1511.	1.4	9
49	Genetic characterization of CacipacorÃ© virus from ticks collected in SÃ£o Paulo State, Brazil. Archives of Virology, 2017, 162, 1783-1786.	2.1	8
50	Silent Orthohantavirus Circulation Among Humans and Small Mammals from Central Minas Gerais, Brazil. EcoHealth, 2018, 15, 577-589.	2.0	8
51	Pingu virus: A new picornavirus in penguins from Antarctica. Virus Evolution, 2019, 5, vez047.	4.9	7
52	Stability of SARS-CoV-2 and other airborne viruses under different stress conditions. Archives of Virology, 2022, 167, 183-187.	2.1	7
53	Understanding SabiÃ¡ virus infections (Brazilian mammarenavirus). Travel Medicine and Infectious Disease, 2022, 48, 102351.	3.0	7
54	Antibody levels to hantavirus in inhabitants of western Santa Catarina State, Brazil. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2012, 54, 193-196.	1.1	6

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55	Analysis of the nucleocapsid gene brings new insights to the classification of Sigmodontinae-borne hantaviruses. Archives of Virology, 2014, 159, 2475-2477.	2.1	6
56	Development of a novel plaque reduction neutralisation test for hantavirus infection. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 624-628.	1.6	6
57	A real-time reverse transcriptase polymerase chain reaction for detection and quantification of Vesiculovirus. Memorias Do Instituto Oswaldo Cruz, 2016, 111, 385-390.	1.6	6
58	KrykfÃ©ie dicistrovirus: A novel dicistrovirus in velvety free-tailed bats from Brazil. Infection, Genetics and Evolution, 2019, 75, 104036.	2.3	6
59	Genetic Characterization of the Patois Serogroup (Genus Orthobunyavirus; Family Peribunyaviridae) and Evidence That Estero Real Virus is a Member of the Genus Orthonairovirus. American Journal of Tropical Medicine and Hygiene, 2018, 99, 451-457.	1.4	6
60	Clusters of SARS-CoV-2 Lineage B.1.1.7 Infection after Vaccination with Adenovirus-Vectored and Inactivated Vaccines. Viruses, 2021, 13, 2127.	3.3	6
61	A real-time RT-PCR for rapid detection and quantification of mosquito-borne alphaviruses. Archives of Virology, 2016, 161, 3171-3177.	2.1	5
62	Genomic characterization and evolution of Tacaiuma orthobunyavirus (Peribunyaviridae family) isolated in Brazil. Infection, Genetics and Evolution, 2018, 60, 71-76.	2.3	5
63	Characterization of Three Novel Viruses from the Families Nyamiviridae, Orthomyxoviridae, and Peribunyaviridae, Isolated from Dead Birds Collected during West Nile Virus Surveillance in Harris County, Texas. Viruses, 2019, 11, 927.	3.3	5
64	Epidemiology and evolution of Zika virus in Minas Gerais, Southeast Brazil. Infection, Genetics and Evolution, 2021, 91, 104785.	2.3	5
65	Evaluation and optimization of SYBR Green real-time reverse transcription polymerase chain reaction as a tool for diagnosis of the Flavivirus genus in Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2016, 49, 279-285.	0.9	4
66	A novel polyomavirus in sigmodontine rodents from SÃ£o Paulo State, Brazil. Archives of Virology, 2018, 163, 2913-2915.	2.1	4
67	Genomic characterization of orthobunyavirus of veterinary importance in America. Infection, Genetics and Evolution, 2019, 73, 205-209.	2.3	4
68	Complete genome sequence of Piry vesiculovirus. Archives of Virology, 2016, 161, 2325-2328.	2.1	3
69	Revalidation and genetic characterization of new members of Group C (Orthobunyavirus genus,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	3
70	CoronaVac and ChAdOx1 Vaccination and Gamma Infection Elicited Neutralizing Antibodies against the SARS-CoV-2 Delta Variant. Viruses, 2022, 14, 305.	3.3	2
71	Identification and characterization of the anti-SARS-CoV-2 activity of cationic amphiphilic steroidal compounds. Virulence, 2022, 13, 1031-1048.	4.4	2
72	Araraquara, the most virulent among all hantavirus. International Journal of Infectious Diseases, 2012, 16, e82.	3.3	1

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73	Experimental infection of Rio Mamore hantavirus in Sigmodontinae rodents. Memorias Do Instituto Oswaldo Cruz, 2016, 111, 399-402.	1.6	1
74	Barrita Virus, a Novel Virus of the Patois Serogroup (Genus Orthobunyavirus; Family) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (Perib	1.4	1
75	Clearance of Persistent SARS-CoV-2 RNA Detection in a NFÎºB-Deficient Patient in Association with the Ingestion of Human Breast Milk: A Case Report. Viruses, 2022, 14, 1042.	3.3	1
76	Diagnosis of Hantavirus Infections. , 2016, , 658-664.		0
77	Evaluating the use of fluorescence-based flow cytometry assay for dengue diagnosis using peripheral blood mononuclear cells. Revista Da Sociedade Brasileira De Medicina Tropical, 2018, 51, 168-173.	0.9	0