

William Marciel de Souza

List of Publications by Year in descending order

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Version: 2024-02-01

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	Stability of SARS-CoV-2 and other airborne viruses under different stress conditions. <i>Archives of Virology</i> , 2022, 167, 183-187.	2.1	7
2	CoronaVac and ChAdOx1 Vaccination and Gamma Infection Elicited Neutralizing Antibodies against the SARS-CoV-2 Delta Variant. <i>Viruses</i> , 2022, 14, 305.	3.3	2
3	Spatial and temporal fluctuations in COVID-19 fatality rates in Brazilian hospitals. <i>Nature Medicine</i> , 2022, 28, 1476-1485.	30.7	24
4	Understanding Sabi� virus infections (Brazilian mammarenavirus). <i>Travel Medicine and Infectious Disease</i> , 2022, 48, 102351.	3.0	7
5	Clearance of Persistent SARS-CoV-2 RNA Detection in a NF�B-Deficient Patient in Association with the Ingestion of Human Breast Milk: A Case Report. <i>Viruses</i> , 2022, 14, 1042.	3.3	1
6	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
7	Fatal Outcome of Chikungunya Virus Infection in Brazil. <i>Clinical Infectious Diseases</i> , 2021, 73, e2436-e2443.	5.8	40
8	Dataset on SARS-CoV-2 non-pharmaceutical interventions in Brazilian municipalities. <i>Scientific Data</i> , 2021, 8, 73.	5.3	29
9	Higher risk of death from COVID-19 in low-income and non-White populations of S�o Paulo, Brazil. <i>BMJ Global Health</i> , 2021, 6, e004959.	4.7	55
10	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
11	Epidemiology and evolution of Zika virus in Minas Gerais, Southeast Brazil. <i>Infection, Genetics and Evolution</i> , 2021, 91, 104785.	2.3	5
12	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021, 166, 3513-3566.	2.1	62
13	Chikungunya Virus Exposure Partially Cross-Protects against Mayaro Virus Infection in Mice. <i>Journal of Virology</i> , 2021, 95, e0112221.	3.4	17
14	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
15	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
16	Paramyxoviruses from neotropical bats suggest a novel genus and nephrotropism. <i>Infection, Genetics and Evolution</i> , 2021, 95, 105041.	2.3	10
17	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.	1.1	37
18	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

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19	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
20	Evolution and epidemic spread of SARS-CoV-2 in Brazil. <i>Science</i> , 2020, 369, 1255-1260.	12.6	454
21	Epidemiological and clinical characteristics of the COVID-19 epidemic in Brazil. <i>Nature Human Behaviour</i> , 2020, 4, 856-865.	12.0	281
22	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	2.1	184
23	ICTV Virus Taxonomy Profile: Peribunyaviridae. <i>Journal of General Virology</i> , 2020, 101, 1-2.	2.9	51
24	Murine and related chapparvoviruses are nephro-tropic and produce novel accessory proteins in infected kidneys. <i>PLoS Pathogens</i> , 2020, 16, e1008262.	4.7	23
25	Barrita Virus, a Novel Virus of the Patois Serogroup (Genus Orthobunyavirus; Family Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 1.4 1		
26	KrykfÃ©ie dicistrovirus: A novel dicistrovirus in velvety free-tailed bats from Brazil. <i>Infection, Genetics and Evolution</i> , 2019, 75, 104036.	2.3	6
27	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. <i>Viruses</i> , 2019, 11, 927.	3.3	5
28	An Ancient Lineage of Highly Divergent Parvoviruses Infects both Vertebrate and Invertebrate Hosts. <i>Viruses</i> , 2019, 11, 525.	3.3	64
29	Taxonomy of the order Bunyvirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1949-1965.	2.1	285
30	A Novel Hepacivirus in Wild Rodents from South America. <i>Viruses</i> , 2019, 11, 297.	3.3	15
31	Genomic characterization of orthobunyavirus of veterinary importance in America. <i>Infection, Genetics and Evolution</i> , 2019, 73, 205-209.	2.3	4
32	Discovery of novel astrovirus and calicivirus identified in ruddy turnstones in Brazil. <i>Scientific Reports</i> , 2019, 9, 5556.	3.3	19
33	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
34	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, .	3.9	17
35	Pingu virus: A new picornavirus in penguins from Antarctica. <i>Virus Evolution</i> , 2019, 5, vez047.	4.9	7
36	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.	2.3	16

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37	The evolution, distribution and diversity of endogenous circoviral elements in vertebrate genomes. <i>Virus Research</i> , 2019, 262, 15-23.	2.2	27
38	Genomic characterization and evolution of Tacaiuma orthobunyavirus (Peribunyaviridae family) isolated in Brazil. <i>Infection, Genetics and Evolution</i> , 2018, 60, 71-76.	2.3	5
39	Novel orthohepeviruses in wild rodents from São Paulo State, Brazil. <i>Virology</i> , 2018, 519, 12-16.	2.4	13
40	Discovery of novel anelloviruses in small mammals expands the host range and diversity of the Anelloviridae. <i>Virology</i> , 2018, 514, 9-17.	2.4	46
41	Viral diversity of Rhipicephalus microplus parasitizing cattle in southern Brazil. <i>Scientific Reports</i> , 2018, 8, 16315.	3.3	72
42	Revalidation and genetic characterization of new members of Group C (Orthobunyavirus genus,) Tj ETQq0 0 0 rgBT, Overlock, 10 Tf 50 5	2.5	3
43	A novel polyomavirus in sigmodontine rodents from São Paulo State, Brazil. <i>Archives of Virology</i> , 2018, 163, 2913-2915.	2.1	4
44	Enzyme-linked immunosorbent assay using recombinant envelope protein 2 antigen for diagnosis of Chikungunya virus. <i>Virology Journal</i> , 2018, 15, 112.	3.4	19
45	Novel Parvoviruses from Wild and Domestic Animals in Brazil Provide New Insights into Parvovirus Distribution and Diversity. <i>Viruses</i> , 2018, 10, 143.	3.3	28
46	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.	0.9	0
47	Silent Orthohantavirus Circulation Among Humans and Small Mammals from Central Minas Gerais, Brazil. <i>EcoHealth</i> , 2018, 15, 577-589.	2.0	8
48	Insights into Circovirus Host Range from the Genomic Fossil Record. <i>Journal of Virology</i> , 2018, 92, .	3.4	39
49	Natural infection of Neotropical bats with hantavirus in Brazil. <i>Scientific Reports</i> , 2018, 8, 9018.	3.3	21
50	Characterization of the Gamboa Virus Serogroup (Orthobunyavirus Genus, Peribunyaviridae Family). <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1502-1511.	1.4	9
51	Genetic Characterization of the Patois Serogroup (Genus Orthobunyavirus; Family Peribunyaviridae) and Evidence That Estero Real Virus is a Member of the Genus Orthonairovirus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 451-457.	1.4	6
52	Genetic characterization of Cacipacorã virus from ticks collected in São Paulo State, Brazil. <i>Archives of Virology</i> , 2017, 162, 1783-1786.	2.1	8
53	Oropouche Virus: Clinical, Epidemiological, and Molecular Aspects of a Neglected Orthobunyavirus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 16-0672.	1.4	81
54	Research Article Full-length genomic and molecular characterization of Canine parvovirus in dogs from North of Brazil.. <i>Genetics and Molecular Research</i> , 2017, 16, .	0.2	12

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55	Chapparoviruses occur in at least three vertebrate classes and have a broad biogeographic distribution. <i>Journal of General Virology</i> , 2017, 98, 225-229.	2.9	58
56	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.	2.9	15
57	Diagnosis of Hantavirus Infections. , 2016, , 658-664.		0
58	Experimental infection of Rio Mamore hantavirus in Sigmodontinae rodents. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016, 111, 399-402.	1.6	1
59	A real-time reverse transcriptase polymerase chain reaction for detection and quantification of Vesiculovirus. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016, 111, 385-390.	1.6	6
60	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, 279-285.	0.9	4
61	Complete genome sequence of Piry vesiculovirus. <i>Archives of Virology</i> , 2016, 161, 2325-2328.	2.1	3
62	A real-time RT-PCR for rapid detection and quantification of mosquito-borne alphaviruses. <i>Archives of Virology</i> , 2016, 161, 3171-3177.	2.1	5
63	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> , 2016, 90, 5440-5450.	3.4	10
64	Adipocytokines, inflammatory and oxidative stress markers of clinical relevance altered in young overweight/obese subjects. <i>Clinical Biochemistry</i> , 2016, 49, 548-553.	1.9	24
65	Molecular characterization of Capim and Enseada orthobunyaviruses. <i>Infection, Genetics and Evolution</i> , 2016, 40, 47-53.	2.3	13
66	Development of a novel plaque reduction neutralisation test for hantavirus infection. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 624-628.	1.6	6
67	A Saint Louis encephalitis and Rocio virus serosurvey in Brazilian horses. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2014, 47, 414-417.	0.9	34
68	Hantaviruses and cardiopulmonary syndrome in South America. <i>Virus Research</i> , 2014, 187, 43-54.	2.2	95
69	Analysis of the nucleocapsid gene brings new insights to the classification of Sigmodontinae-borne hantaviruses. <i>Archives of Virology</i> , 2014, 159, 2475-2477.	2.1	6
70	Phylogeography and evolutionary history of rodent-borne hantaviruses. <i>Infection, Genetics and Evolution</i> , 2014, 21, 198-204.	2.3	27
71	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, 96-97.	3.3	9
72	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.	2.7	13

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73	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, 2272-2281.	3.3	15
74	Araraquara, the most virulent among all hantavirus. <i>International Journal of Infectious Diseases</i> , 2012, 16, e82.	3.3	1
75	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, 193-196.	1.1	6
76	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, 131-135.	0.9	14
77	Rapid viral metagenomics using SMART-9N amplification and nanopore sequencing. <i>Wellcome Open Research</i> , 0, 6, 241.	1.8	10