

Marcio Rt Nunes

List of Publications by Year in descending order

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105
papers

5,432
citations

87888

38
h-index

91884

69
g-index

110
all docs

110
docs citations

110
times ranked

7516
citing authors

#	ARTICLE	IF	CITATIONS
1	Zika virus in the Americas: Early epidemiological and genetic findings. <i>Science</i> , 2016, 352, 345-349.	12.6	877
2	Emergence and potential for spread of Chikungunya virus in Brazil. <i>BMC Medicine</i> , 2015, 13, 102.	5.5	369
3	Taxonomy of the order Bunyvirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1949-1965.	2.1	285
4	Evaluation of an Enzyme Immunoassay for Detection of Dengue Virus NS1 Antigen in Human Serum. <i>Vaccine Journal</i> , 2006, 13, 1185-1189.	3.1	190
5	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyvirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	2.1	184
6	Mobile real-time surveillance of Zika virus in Brazil. <i>Genome Medicine</i> , 2016, 8, 97.	8.2	182
7	Taxonomy of the family Arenaviridae and the order Bunyvirales: update 2018. <i>Archives of Virology</i> , 2018, 163, 2295-2310.	2.1	157
8	Duplex Reverse Transcription-PCR Followed by Nested PCR Assays for Detection and Identification of Brazilian Alphaviruses and Flaviviruses. <i>Journal of Clinical Microbiology</i> , 2005, 43, 696-702.	3.9	153
9	Mayaro Fever Virus, Brazilian Amazon. <i>Emerging Infectious Diseases</i> , 2009, 15, 1830-1832.	4.3	124
10	Taxonomy of the order Bunyvirales: second update 2018. <i>Archives of Virology</i> , 2019, 164, 927-941.	2.1	115
11	Allergies and Diabetes as Risk Factors for Dengue Hemorrhagic Fever: Results of a Case Control Study. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e699.	3.0	110
12	Air Travel Is Associated with Intracontinental Spread of Dengue Virus Serotypes 1-3 in Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2769.	3.0	91
13	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
14	Genomic, epidemiological and digital surveillance of Chikungunya virus in the Brazilian Amazon. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007065.	3.0	75
15	Zika virus epidemic in Brazil. I. Fatal disease in adults: Clinical and laboratorial aspects. <i>Journal of Clinical Virology</i> , 2016, 85, 56-64.	3.1	74
16	Phylogeography of Dengue Virus Serotype 4, Brazil, 2010-2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 1858-1864.	4.3	68
17	Genetic characterization, molecular epidemiology, and phylogenetic relationships of insect-specific viruses in the taxon Negevirus. <i>Virology</i> , 2017, 504, 152-167.	2.4	68
18	Diversity and Distribution of Hantaviruses in South America. <i>Journal of Virology</i> , 2012, 86, 13756-13766.	3.4	67

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19	Oropouche Virus Isolation, Southeast Brazil. <i>Emerging Infectious Diseases</i> , 2005, 11, 1610-1613.	4.3	65
20	Molecular epidemiology of astrovirus type 1 in Belém, Brazil, as an agent of infantile gastroenteritis, over a period of 18 years (1982–2000): Identification of two possible new lineages. <i>Virus Research</i> , 2007, 129, 166-174.	2.2	65
21	Genetic ancestry and income are associated with dengue hemorrhagic fever in a highly admixed population. <i>European Journal of Human Genetics</i> , 2008, 16, 762-765.	2.8	62
22	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
23	Molecular Epidemiology of Group C Viruses (Bunyaviridae , Orthobunyavirus) Isolated in the Americas. <i>Journal of Virology</i> , 2005, 79, 10561-10570.	3.4	59
24	Dengue Virus Serotype 4, Roraima State, Brazil. <i>Emerging Infectious Diseases</i> , 2011, 17, 938-940.	4.3	59
25	Oropouche fever epidemic in Northern Brazil: Epidemiology and molecular characterization of isolates. <i>Journal of Clinical Virology</i> , 2009, 44, 129-133.	3.1	57
26	Molecular Epidemiology of Oropouche Virus, Brazil. <i>Emerging Infectious Diseases</i> , 2011, 17, 800-806.	4.3	55
27	Characterization of the Candiru Antigenic Complex (Bunyaviridae: Phlebovirus), a Highly Diverse and Reassorting Group of Viruses Affecting Humans in Tropical America. <i>Journal of Virology</i> , 2011, 85, 3811-3820.	3.4	53
28	Reemergence of Oropouche Fever, Northern Brazil. <i>Emerging Infectious Diseases</i> , 2007, 13, 912-915.	4.3	52
29	ICTV Virus Taxonomy Profile: Peribunyaviridae. <i>Journal of General Virology</i> , 2020, 101, 1-2.	2.9	51
30	Improved LNA probe-based assay for the detection of African and South American yellow fever virus strains. <i>Journal of Clinical Virology</i> , 2010, 48, 187-192.	3.1	49
31	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
32	Characterization of Three New Insect-Specific Flaviviruses: Their Relationship to the Mosquito-Borne Flavivirus Pathogens. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 410-419.	1.4	45
33	Rapid Detection of Human Pathogenic Orthobunyaviruses. <i>Journal of Clinical Microbiology</i> , 2003, 41, 3299-3305.	3.9	44
34	Complete genome characterization of Rocio virus (Flavivirus: Flaviviridae), a Brazilian flavivirus isolated from a fatal case of encephalitis during an epidemic in São Paulo state. <i>Journal of General Virology</i> , 2007, 88, 2237-2246.	2.9	44
35	A computational method for the identification of Dengue, Zika and Chikungunya virus species and genotypes. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007231.	3.0	44
36	Genomic and phylogenetic characterization of viruses included in the Manzanilla and Oropouche species complexes of the genus Orthobunyavirus, family Bunyaviridae. <i>Journal of General Virology</i> , 2014, 95, 1055-1066.	2.9	43

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37	Genetic characterization of the Wyeomyia group of orthobunyaviruses and their phylogenetic relationships. <i>Journal of General Virology</i> , 2012, 93, 1023-1034.	2.9	41
38	Genomic and Phylogenetic Characterization of Brazilian Yellow Fever Virus Strains. <i>Journal of Virology</i> , 2012, 86, 13263-13271.	3.4	41
39	Clinical and Virological Study of Dengue Cases and the Members of Their Households: The Multinational DENFRAME Project. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1482.	3.0	40
40	Fatal Outcome of Chikungunya Virus Infection in Brazil. <i>Clinical Infectious Diseases</i> , 2021, 73, e2436-e2443.	5.8	40
41	Isolation of Madre de Dios Virus (Orthobunyavirus; Bunyaviridae), an Oropouche Virus Species Reassortant, from a Monkey in Venezuela. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 328-338.	1.4	38
42	A simple one-step real-time RT-PCR for diagnosis of dengue virus infection. <i>Journal of Medical Virology</i> , 2008, 80, 1426-1433.	5.0	37
43	Genomic and Epidemiological Surveillance of Zika Virus in the Amazon Region. <i>Cell Reports</i> , 2020, 30, 2275-2283.e7.	6.4	37
44	ANTIGENIC AND GENETIC RELATIONSHIPS AMONG RIFT VALLEY FEVER VIRUS AND OTHER SELECTED MEMBERS OF THE GENUS PHLEBOVIRUS (BUNYAVIRIDAE). <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 1194-1200.	1.4	37
45	Genetic analysis of members of the species Oropouche virus and identification of a novel M segment sequence. <i>Journal of General Virology</i> , 2015, 96, 1636-1650.	2.9	36
46	Venezuelan Equine Encephalitis Virus Infection of Cotton Rats. <i>Emerging Infectious Diseases</i> , 2007, 13, 1158-1165.	4.3	34
47	First isolation of Bunyamwera virus (Bunyaviridae family) from horses with neurological disease and an abortion in Argentina. <i>Veterinary Journal</i> , 2015, 206, 111-114.	1.7	32
48	Pygmy Rice Rat as Potential Host of Castelo dos Sonhos Hantavirus. <i>Emerging Infectious Diseases</i> , 2011, 17, 1527-1530.	4.3	30
49	Molecular epidemiology of Saint Louis encephalitis virus in the Brazilian Amazon: genetic divergence and dispersal. <i>Journal of General Virology</i> , 2010, 91, 2420-2427.	2.9	28
50	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
51	Circulation of hantaviruses in the influence area of the Cuiabá-Santarém Highway. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2010, 105, 665-671.	1.6	27
52	Evaluation of two molecular methods for the detection of Yellow fever virus genome. <i>Journal of Virological Methods</i> , 2011, 174, 29-34.	2.1	26
53	Molecular Epidemiology of Laguna Negra Virus, Mato Grosso State, Brazil. <i>Emerging Infectious Diseases</i> , 2012, 18, 982-985.	4.3	26
54	Zika virus complete genome from Salvador, Bahia, Brazil. <i>Infection, Genetics and Evolution</i> , 2016, 41, 142-145.	2.3	24

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55	Zika Virus Epidemic in Brazil. II. Post-Mortem Analyses of Neonates with Microcephaly, Stillbirths, and Miscarriage. <i>Journal of Clinical Medicine</i> , 2018, 7, 496.	2.4	23
56	Antigenic and genetic relationships among Rift Valley fever virus and other selected members of the genus Phlebovirus (Bunyaviridae). <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 1194-200.	1.4	23
57	Complete Nucleotide Sequences of Two <i>bla</i> _{KPC-2} -Bearing IncN Plasmids Isolated from Sequence Type 442 <i>Klebsiella pneumoniae</i> Clinical Strains Four Years Apart. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2958-2960.	3.2	22
58	Hantaviruses and Hantavirus Pulmonary Syndrome, Maranhão, Brazil. <i>Emerging Infectious Diseases</i> , 2010, 16, 1952-1955.	4.3	21
59	Evaluation of an immunoglobulin M-specific capture enzyme-linked immunosorbent assay for rapid diagnosis of dengue infection. <i>Journal of Virological Methods</i> , 2011, 171, 13-20.	2.1	21
60	Polymorphism of DC-SIGN (<i>CD209</i>) Promoter in Association with Clinical Symptoms of Dengue Fever. <i>Viral Immunology</i> , 2014, 27, 245-249.	1.3	18
61	Establishment of a minigenome system for Oropouche virus reveals the S genome segment to be significantly longer than reported previously. <i>Journal of General Virology</i> , 2015, 96, 513-523.	2.9	17
62	Evolutionary Dynamics of Oropouche Virus in South America. <i>Journal of Virology</i> , 2020, 94, .	3.4	17
63	Analysis of a Reverse Transcription Loop-mediated Isothermal Amplification (RT-LAMP) for yellow fever diagnostic. <i>Journal of Virological Methods</i> , 2015, 226, 40-51.	2.1	16
64	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
65	Araguari virus, a new member of the family Orthomyxoviridae: serologic, ultrastructural, and molecular characterization. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 1050-8.	1.4	16
66	Diagnosis of Oropouche Virus Infection Using a Recombinant Nucleocapsid Protein-Based Enzyme Immunoassay. <i>Journal of Clinical Microbiology</i> , 2001, 39, 2445-2452.	3.9	15
67	A Novel Hepacivirus in Wild Rodents from South America. <i>Viruses</i> , 2019, 11, 297.	3.3	15
68	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
69	Phylogenetic relationship of dengue virus type 3 isolated in Brazil and Paraguay and global evolutionary divergence dynamics. <i>Virology Journal</i> , 2012, 9, 124.	3.4	14
70	Identification and characterization of the expression profile of the microRNAs in the Amazon species <i>Colossoma macropomum</i> by next generation sequencing. <i>Genomics</i> , 2017, 109, 67-74.	2.9	14
71	Characterization of two new rhabdoviruses isolated from midges (<i>Culicoides</i> spp) in the Brazilian Amazon: proposed members of a new genus, <i>Bracorhabdovirus</i> . <i>Archives of Virology</i> , 2006, 151, 2519-2527.	2.1	13
72	Genome-Wide Study of the Defective Sucrose Fermenter Strain of <i>Vibrio cholerae</i> from the Latin American Cholera Epidemic. <i>PLoS ONE</i> , 2012, 7, e37283.	2.5	13

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73	Pacui Virus, Rio Preto da Eva Virus, and Tapirape Virus, Three Distinct Viruses within the Family <i>Bunyaviridae</i>. <i>Genome Announcements</i> , 2014, 2, .	0.8	13
74	Molecular characterization of Capim and Enseada orthobunyaviruses. <i>Infection, Genetics and Evolution</i> , 2016, 40, 47-53.	2.3	13
75	Opsoclonus-myoclonus-ataxia syndrome associated with chikungunya and dengue virus co-infection. <i>International Journal of Infectious Diseases</i> , 2018, 75, 11-14.	3.3	13
76	Full-length sequencing and genetic characterization of Breu Branco virus (Reoviridae, Orbivirus) and two related strains isolated from Anopheles mosquitoes. <i>Journal of General Virology</i> , 2009, 90, 2183-2190.	2.9	12
77	Molecular analysis reveals the diversity of Hepatozoon species naturally infecting domestic dogs in a northern region of Brazil. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 1061-1066.	2.7	12
78	Genetic diversity of Hepatozoon spp. in Hydrochoerus hydrochaeris and Pecari tajacu from eastern Amazon. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 314-318.	2.7	12
79	Mitochondrial genome sequencing and phylogeny of Haemagogus albomaculatus, Haemagogus leucocelaenus, Haemagogus spegazzinii, and Haemagogus tropicalis (Diptera: Culicidae). <i>Scientific Reports</i> , 2020, 10, 16948.	3.3	12
80	Pathogenesis of Modoc Virus (Flaviviridae; Flavivirus) in Persistently Infected Hamsters. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 455-460.	1.4	11
81	Strengthening the Interaction of the Virology Community with the International Committee on Taxonomy of Viruses (ICTV) by Linking Virus Names and Their Abbreviations to Virus Species. <i>Systematic Biology</i> , 2019, 68, 828-839.	5.6	11
82	Genetic characterization of orthobunyavirus Melao, strains BE AR633512 and BE AR8033, and experimental infection in golden hamsters (Mesocricetus auratus). <i>Journal of General Virology</i> , 2009, 90, 223-233.	2.9	10
83	Genetic and biological characterization of selected Changuinola viruses (Reoviridae, Orbivirus) from Brazil. <i>Journal of General Virology</i> , 2014, 95, 2251-2259.	2.9	10
84	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
85	Characterization of mitochondrial genome of Haemagogus janthinomys (Diptera: Culicidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 50-51.	0.7	8
86	Environmental influences on antibody-enhanced dengue disease outcomes. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012, 107, 1021-1029.	1.6	7
87	Complete Genome Sequence of a Sucrose-Nonfermenting Epidemic Strain of Vibrio cholerae O1 from Brazil. <i>Journal of Bacteriology</i> , 2012, 194, 2772-2772.	2.2	6
88	Characterization of Trinita virus supports its reclassification in the family Peribunyaviridae. <i>Journal of General Virology</i> , 2019, 100, 137-144.	2.9	6
89	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
90	Persistence of experimental Rocio virus infection in the golden hamster (Mesocricetus auratus). <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012, 107, 630-636.	1.6	5

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91	Xiburema Virus, a Hitherto Undescribed Virus within the Family <i>Rhabdoviridae</i> Isolated in the Brazilian Amazon Region. <i>Genome Announcements</i> , 2014, 2, .	0.8	5
92	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
93	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
94	Genomic characterization of orthobunyavirus of veterinary importance in America. <i>Infection, Genetics and Evolution</i> , 2019, 73, 205-209.	2.3	4
95	Neurological infection by chikungunya and a triple Arbovirus co-infection in Mato Grosso, Central Western Brazil during 2019. <i>Journal of Clinical Virology</i> , 2022, 146, 105056.	3.1	4
96	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
97	Reply to "Group C Orthobunyavirus Genomic Sequences Require Validation". <i>Journal of Virology</i> , 2014, 88, 3054-3054.	3.4	2
98	Diagnosis of arboviruses using indirect sandwich IgG ELISA in horses from the Brazilian Amazon. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2014, 20, 29.	1.4	2
99	Clinical and molecular diagnosis of Chlamydophila in captive parrots in Par�� State, Brazil. <i>Semina:Ciencias Agrarias</i> , 2019, 40, 2603.	0.3	2
100	Preval��ncia de marcadores sorol��gicos do v��rus da hepatite B em profissionais de sa��de de um laborat��rio de pesquisa na Amaz��nia oriental, Estado do Par��, Brasil, 2007 a 2009. <i>Epidemiologia E Servicos De Saude: Revista Do Sistema Unico De Saude Do Brasil</i> , 2012, 21, 609-616.	1.0	1
101	Screening of febrile patients with suspected malaria from the Brazilian Amazon for virus infection. <i>Archives of Virology</i> , 2022, 167, 2151-2162.	2.1	1
102	Dengue Virus Serotype 4, Roraima State, Brazil. <i>Emerging Infectious Diseases</i> , 2011, 17, 1980-1981.	4.3	0
103	Caracteriza��o dos genes codificadores da hemaglutinina e polimerase b��sica 2 do v��rus Influenza A (H1N1) pand��mico isolado na mesorregi��o metropolitana de Bel��m, Estado do Par��, Brasil. <i>Revista Pan-Amaz��nica De Sa��de</i> , 2012, 3, 49-50.	0.2	0
104	Cont��gio intradomiciliar e status vacinal entre comunicantes de portadores do v��rus da hepatite B. <i>Enfermagem Em Foco</i> , 2020, 11, .	0.3	0
105	Viral Composition in Metagenomes of Rivers Located in the Amazon Mangrove Coast, Northeast of Par��, Brazil. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2022, 11, 1-16.	0.1	0