F Murilo Zerbini

List of Publications by Year
in descending order

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56 papers	6,234 citations	147801 31 h-index	168389 53 g-index
57 all docs	57 docs citations	57 times ranked	4865 citing authors

#	Article	IF	Citations
1	ICTV Virus Taxonomy Profile: Geminiviridae. Journal of General Virology, 2017, 98, 131-133.	2.9	676
2	Revision of Begomovirus taxonomy based on pairwise sequence comparisons. Archives of Virology, 2015, 160, 1593-1619.	2.1	664
3	Virus taxonomy in the age of metagenomics. Nature Reviews Microbiology, 2017, 15, 161-168.	28.6	590
4	ICTV Virus Taxonomy Profile: Potyviridae. Journal of General Virology, 2017, 98, 352-354.	2.9	416
5	Global Organization and Proposed Megataxonomy of the Virus World. Microbiology and Molecular Biology Reviews, 2020, 84, .	6.6	378
6	Taxonomy of the order Bunyavirales: update 2019. Archives of Virology, 2019, 164, 1949-1965.	2.1	285
7	World Management of Geminiviruses. Annual Review of Phytopathology, 2018, 56, 637-677.	7.8	247
8	Capulavirus and Grablovirus: two new genera in the family Geminiviridae. Archives of Virology, 2017, 162, 1819-1831.	2.1	240
9	Taxonomy of the order Mononegavirales: update 2019. Archives of Virology, 2019, 164, 1967-1980.	2.1	224
10	Establishment of three new genera in the family Geminiviridae: Becurtovirus, Eragrovirus and Turncurtovirus. Archives of Virology, 2014, 159, 2193-2203.	2.1	218
11	A genome-wide pairwise-identity-based proposal for the classification of viruses in the genus Mastrevirus (family Geminiviridae). Archives of Virology, 2013, 158, 1411-1424.	2.1	216
12	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
13	Characterization of a New World Monopartite Begomovirus Causing Leaf Curl Disease of Tomato in Ecuador and Peru Reveals a New Direction in Geminivirus Evolution. Journal of Virology, 2013, 87, 5397-5413.	3.4	142
14	Alphasatellitidae: a new family with two subfamilies for the classification of geminivirus- and nanovirus-associated alphasatellites. Archives of Virology, 2018, 163, 2587-2600.	2.1	133
15	Cressdnaviricota : a Virus Phylum Unifying Seven Families of Rep-Encoding Viruses with Single-Stranded, Circular DNA Genomes. Journal of Virology, 2020, 94, .	3.4	118
16	Brazilian Begomovirus Populations Are Highly Recombinant, Rapidly Evolving, and Segregated Based on Geographical Location. Journal of Virology, 2013, 87, 5784-5799.	3.4	115
17	Taxonomy of the order Bunyavirales: second update 2018. Archives of Virology, 2019, 164, 927-941.	2.1	115
18	Six novel begomoviruses infecting tomato and associated weeds in Southeastern Brazil. Archives of Virology, 2008, 153, 1985-1989.	2.1	108

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19	The diversification of begomovirus populations is predominantly driven by mutational dynamics. Virus Evolution, 2017, 3, vex005.	4.9	92
20	Revisiting the classification of curtoviruses based on genome-wide pairwise identity. Archives of Virology, 2014, 159, 1873-1882.	2.1	89
21	Synonymous site variation due to recombination explains higher genetic variability in begomovirus populations infecting non-cultivated hosts. Journal of General Virology, 2013, 94, 418-431.	2.9	81
22	Cowpea aphid-borne mosaic virus (CABMV) is widespread in passionfruit in Brazil and causes passionfruit woodiness disease. Archives of Virology, 2006, 151, 1797-1809.	2.1	79
23	Taxonomy of the order Mononegavirales: second update 2018. Archives of Virology, 2019, 164, 1233-1244.	2.1	70
24	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
25	Interaction between the New World begomovirus Euphorbia yellow mosaic virus and its associated alphasatellite: effects on infection and transmission by the whitefly Bemisia tabaci. Journal of General Virology, 2017, 98, 1552-1562.	2.9	62
26	Recombination and pseudorecombination driving the evolution of the begomoviruses Tomato severe rugose virus (ToSRV) and Tomato rugose mosaic virus (ToRMV): two recombinant DNA-A components sharing the same DNA-B. Virology Journal, 2014, 11, 66.	3.4	52
27	Molecular and Biological Characterization of Lettuce mosaic virus (LMV) Isolates Reveals a Distinct and Widespread Type of Resistance-Breaking Isolate: LMV-Most. Phytopathology, 2002, 92, 563-572.	2.2	49
28	Genetic diversity of begomovirus infecting tomato and associated weeds in Southeastern Brazil. Tropical Plant Pathology, 2002, 27, 372-377.	0.3	47
29	Establishment of five new genera in the family Geminiviridae: Citlodavirus, Maldovirus, Mulcrilevirus, Opunvirus, and Topilevirus. Archives of Virology, 2022, 167, 695-710.	2.1	43
30	Synergism and negative interference during co-infection of tomato and Nicotiana benthamiana with two bipartite begomoviruses. Virology, 2009, 387, 257-266.	2.4	41
31	Molecular mapping of the viral determinants of systemic wilting induced by a Lettuce mosaic virus (LMV) isolate in some lettuce cultivars. Virus Research, 2005, 109, 175-180.	2.2	35
32	Small but mighty: Functional landscape of the versatile geminivirus-encoded C4 protein. PLoS Pathogens, 2021, 17, e1009915.	4.7	34
33	High genetic variability and recombination in a begomovirus population infecting the ubiquitous weed Cleome affinis in northeastern Brazil. Archives of Virology, 2011, 156, 2205-2213.	2.1	32
34	Transgenic passionfruit expressing RNA derived from Cowpea aphid-borne mosaic virus is resistant to passionfruit woodiness disease. Tropical Plant Pathology, 2005, 30, 33-38.	0.3	30
35	Comparative analysis of the genomes of two isolates of cowpea aphid-borne mosaic virus (CABMV) obtained from different hosts. Archives of Virology, 2011, 156, 1085-1091.	2.1	22
36	AnÃ¡lise filogenÃ©tica de potyvÃrus causando endurecimento dos frutos do maracujazeiro no Nordeste do Brasil. Tropical Plant Pathology, 2004, 29, 378-383.	0.3	20

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37	CaracterizaÃ§Ã£o molecular de dois isolados brasileiros de Lettuce mosaic virus apresentando propriedades biolÃ³gicas distintas. Tropical Plant Pathology, 2001, 26, 153-157.	0.3	19
38	Genetic variability and population structure of the New World begomovirus Euphorbia yellow mosaic virus. Journal of General Virology, 2017, 98, 1537-1551.	2.9	19
39	Begomovirus diversity in tomato crops and weeds in Ecuador and the detection of a recombinant isolate of rhynchosia golden mosaic Yucatan virus infecting tomato. Archives of Virology, 2014, 159, 2127-2132.	2.1	18
40	Evolutionary dynamics of bipartite begomoviruses revealed by complete genome analysis. Molecular Ecology, 2021, 30, 3747-3767.	3.9	16
41	Taxonomy update for the family Alphasatellitidae: new subfamily, genera, and species. Archives of Virology, 2021, 166, 3503-3511.	2.1	15
42	Analysis of the full-length genome sequence of papaya lethal yellowing virus (PLYV), determined by deep sequencing, confirms its classification in the genus Sobemovirus. Archives of Virology, 2012, 157, 2009-2011.	2.1	14
43	Complete nucleotide sequences of two new begomoviruses infecting the wild malvaceous plant Melochia sp. in Brazil. Archives of Virology, 2015, 160, 3161-3164.	2.1	14
44	Two new begomoviruses infecting tomato and Hibiscus sp. in the Amazon region of Brazil. Archives of Virology, 2019, 164, 1897-1901.	2.1	14
45	Identification and Characterization of Two Novel Geminiviruses Associated with Paper Mulberry (Broussonetia papyrifera) Leaf Curl Disease. Plant Disease, 2020, 104, 3010-3018.	1.4	14
46	Genetic structure of a Brazilian population of the begomovirus Tomato severe rugose virus (ToSRV). Tropical Plant Pathology, 2012, 37, 346-353.	1.5	13
47	Specific detection of Lettuce mosaic virus isolates belonging to the â€œMostâ€•type. Journal of Virological Methods, 2004, 121, 119-124.	2.1	10
48	Genetic diversity of begomoviruses infecting soybean, bean and associated weeds in Northwestern Argentina. Tropical Plant Pathology, 2006, 31, 342-348.	0.3	9
49	Revealing the Complexity of Sweepovirus-Deltasatelliteâ€“Plant Host Interactions: Expanded Natural and Experimental Helper Virus Range and Effect Dependence on Virus-Host Combination. Microorganisms, 2021, 9, 1018.	3.6	7
50	Two new begomoviruses that infect non-cultivated malvaceae in Brazil. Archives of Virology, 2017, 162, 1795-1797.	2.1	6
51	Complete genome sequence of a new bipartite begomovirus infecting Macroptilium lathyroides in Brazil. Archives of Virology, 2017, 162, 3551-3554.	2.1	6
52	Intra-host evolution of the ssDNA virus tomato severe rugose virus (ToSRV). Virus Research, 2021, 292, 198234.	2.2	5
53	Speciation driven by recombination in the evolution of tomato curly stunt virus in Mozambique. Plant Pathology, 2021, 70, 994-1002.	2.4	4
54	Complete genome sequence of a recombinant isolate of yambean mosaic virus from Canavalia ensiformis. Virus Genes, 2021, 57, 561-564.	1.6	0

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55	High molecular diversity and divergent subpopulations of the begomovirus cnidoscolus mosaic leaf deformation virus associated with Cnidoscolus urens. Archives of Virology, 2021, 166, 3289-3299.	2.1	0
56	A new bipartite begomovirus naturally infecting Pyrenacantha sp. in Mozambique. Archives of Virology, 2021, , 1.	2.1	0