

# F Murilo Zerbini

## List of Publications by Citations

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55  
papers

3,787  
citations

29  
h-index

57  
g-index

57  
ext. papers

5,479  
ext. citations

4.1  
avg, IF

5.09  
L-index

#	Paper	IF	Citations
55	Revision of Begomovirus taxonomy based on pairwise sequence comparisons. <i>Archives of Virology</i> , <b>2015</b> , 160, 1593-619	2.6	430
54	ICTV Virus Taxonomy Profile: Geminiviridae. <i>Journal of General Virology</i> , <b>2017</b> , 98, 131-133	4.9	400
53	Consensus statement: Virus taxonomy in the age of metagenomics. <i>Nature Reviews Microbiology</i> , <b>2017</b> , 15, 161-168	22.2	375
52	ICTV Virus Taxonomy Profile: Potyviridae. <i>Journal of General Virology</i> , <b>2017</b> , 98, 352-354	4.9	194
51	Global Organization and Proposed Megataxonomy of the Virus World. <i>Microbiology and Molecular Biology Reviews</i> , <b>2020</b> , 84,	13.2	178
50	Establishment of three new genera in the family Geminiviridae: Becurtovirus, Eragrovirus and Turncurtovirus. <i>Archives of Virology</i> , <b>2014</b> , 159, 2193-203	2.6	177
49	Capulavirus and Grablovirus: two new genera in the family Geminiviridae. <i>Archives of Virology</i> , <b>2017</b> , 162, 1819-1831	2.6	166
48	Taxonomy of the order Bunyavirales: update 2019. <i>Archives of Virology</i> , <b>2019</b> , 164, 1949-1965	2.6	148
47	Taxonomy of the order Mononegavirales: update 2019. <i>Archives of Virology</i> , <b>2019</b> , 164, 1967-1980	2.6	133
46	World Management of Geminiviruses. <i>Annual Review of Phytopathology</i> , <b>2018</b> , 56, 637-677	10.8	133
45	Characterization of a new world monopartite begomovirus causing leaf curl disease of tomato in Ecuador and Peru reveals a new direction in geminivirus evolution. <i>Journal of Virology</i> , <b>2013</b> , 87, 5397-413	6.6	112
44	Brazilian begomovirus populations are highly recombinant, rapidly evolving, and segregated based on geographical location. <i>Journal of Virology</i> , <b>2013</b> , 87, 5784-99	6.6	83
43	Alphasatellitidae: a new family with two subfamilies for the classification of geminivirus- and nanovirus-associated alphasatellites. <i>Archives of Virology</i> , <b>2018</b> , 163, 2587-2600	2.6	78
42	Taxonomy of the order Bunyavirales: second update 2018. <i>Archives of Virology</i> , <b>2019</b> , 164, 927-941	2.6	76
41	Six novel begomoviruses infecting tomato and associated weeds in Southeastern Brazil. <i>Archives of Virology</i> , <b>2008</b> , 153, 1985-9	2.6	73
40	Synonymous site variation due to recombination explains higher genetic variability in begomovirus populations infecting non-cultivated hosts. <i>Journal of General Virology</i> , <b>2013</b> , 94, 418-431	4.9	66
39	Revisiting the classification of curtoviruses based on genome-wide pairwise identity. <i>Archives of Virology</i> , <b>2014</b> , 159, 1873-82	2.6	55

38	Cowpea aphid-borne mosaic virus (CABMV) is widespread in passionfruit in Brazil and causes passionfruit woodiness disease. <i>Archives of Virology</i> , <b>2006</b> , 151, 1797-809	2.6	52
37	Taxonomy of the order Mononegavirales: second update 2018. <i>Archives of Virology</i> , <b>2019</b> , 164, 1233-1244.6		50
36	Molecular and Biological Characterization of Lettuce mosaic virus (LMV) Isolates Reveals a Distinct and Widespread Type of Resistance-Breaking Isolate: LMV-Most. <i>Phytopathology</i> , <b>2002</b> , 92, 563-72	3.8	48
35	: a Virus Phylum Unifying Seven Families of Rep-Encoding Viruses with Single-Stranded, Circular DNA Genomes. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	47
34	The diversification of begomovirus populations is predominantly driven by mutational dynamics. <i>Virus Evolution</i> , <b>2017</b> , 3, vex005	3.7	45
33	Genetic diversity of begomovirus infecting tomato and associated weeds in Southeastern Brazil. <i>Tropical Plant Pathology</i> , <b>2002</b> , 27, 372-377		44
32	Molecular mapping of the viral determinants of systemic wilting induced by a Lettuce mosaic virus (LMV) isolate in some lettuce cultivars. <i>Virus Research</i> , <b>2005</b> , 109, 175-80	6.4	34
31	Synergism and negative interference during co-infection of tomato and <i>Nicotiana benthamiana</i> with two bipartite begomoviruses. <i>Virology</i> , <b>2009</b> , 387, 257-66	3.6	33
30	Interaction between the New World begomovirus Euphorbia yellow mosaic virus and its associated alphasatellite: effects on infection and transmission by the whitefly <i>Bemisia tabaci</i> . <i>Journal of General Virology</i> , <b>2017</b> , 98, 1552-1562	4.9	30
29	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. <i>Virology Journal</i> , <b>2014</b> , 11, 66	6.1	29
28	High genetic variability and recombination in a begomovirus population infecting the ubiquitous weed <i>Cleome affinis</i> in northeastern Brazil. <i>Archives of Virology</i> , <b>2011</b> , 156, 2205-13	2.6	29
27	Passionfruit <b>2008</b> , 213-234		22
26	Transgenic passionfruit expressing RNA derived from Cowpea aphid-borne mosaic virus is resistant to passionfruit woodiness disease. <i>Tropical Plant Pathology</i> , <b>2005</b> , 30, 33-38		21
25	Análise filogenética de potyvírus causando endurecimento dos frutos do maracujazeiro no Nordeste do Brasil. <i>Tropical Plant Pathology</i> , <b>2004</b> , 29, 378-383		19
24	Caracterização molecular de dois isolados brasileiros de Lettuce mosaic virus apresentando propriedades biológicas distintas. <i>Tropical Plant Pathology</i> , <b>2001</b> , 26, 153-157		15
23	Begomovirus diversity in tomato crops and weeds in Ecuador and the detection of a recombinant isolate of rhynchosia golden mosaic Yucatan virus infecting tomato. <i>Archives of Virology</i> , <b>2014</b> , 159, 2127-32	2.6	14
22	Genetic variability and population structure of the New World begomovirus Euphorbia yellow mosaic virus. <i>Journal of General Virology</i> , <b>2017</b> , 98, 1537-1551	4.9	14
21	Comparative analysis of the genomes of two isolates of cowpea aphid-borne mosaic virus (CABMV) obtained from different hosts. <i>Archives of Virology</i> , <b>2011</b> , 156, 1085-91	2.6	13

20	Genetic structure of a Brazilian population of the begomovirus Tomato severe rugose virus (ToSRV). <i>Tropical Plant Pathology</i> , <b>2012</b> , 37, 346-353	2.5	12
19	Complete nucleotide sequences of two new begomoviruses infecting the wild malvaceous plant <i>Melochia</i> sp. in Brazil. <i>Archives of Virology</i> , <b>2015</b> , 160, 3161-4	2.6	11
18	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
17	Two new begomoviruses infecting tomato and <i>Hibiscus</i> sp. in the Amazon region of Brazil. <i>Archives of Virology</i> , <b>2019</b> , 164, 1897-1901	2.6	9
16	Analysis of the full-length genome sequence of papaya lethal yellowing virus (PLYV), determined by deep sequencing, confirms its classification in the genus <i>Sobemovirus</i> . <i>Archives of Virology</i> , <b>2012</b> , 157, 2009-11	2.6	9
15	Specific detection of lettuce mosaic virus isolates belonging to the "Most" type. <i>Journal of Virological Methods</i> , <b>2004</b> , 121, 119-24	2.6	9
14	Genetic diversity of begomoviruses infecting soybean, bean and associated weeds in Northwestern Argentina. <i>Tropical Plant Pathology</i> , <b>2006</b> , 31, 342-348		8
13	Establishment of five new genera in the family Geminiviridae: Citlodavirus, Maldovirus, Mulcrilevirus, Opunvirus, and Topilevirus. <i>Archives of Virology</i> , <b>2021</b> , 1	2.6	7
12	Small but mighty: Functional landscape of the versatile geminivirus-encoded C4 protein. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009915	7.6	7
11	Evolutionary dynamics of bipartite begomoviruses revealed by complete genome analysis. <i>Molecular Ecology</i> , <b>2021</b> , 30, 3747-3767	5.7	7
10	Identification and Characterization of Two Novel Geminiviruses Associated with Paper Mulberry () Leaf Curl Disease. <i>Plant Disease</i> , <b>2020</b> , 104, 3010-3018	1.5	6
9	Complete genome sequence of a new bipartite begomovirus infecting <i>Macroptilium lathyroides</i> in Brazil. <i>Archives of Virology</i> , <b>2017</b> , 162, 3551-3554	2.6	5
8	Two new begomoviruses that infect non-cultivated malvaceae in Brazil. <i>Archives of Virology</i> , <b>2017</b> , 162, 1795-1797	2.6	4
7	Taxonomy update for the family Alphasatellitidae: new subfamily, genera, and species. <i>Archives of Virology</i> , <b>2021</b> , 166, 3503-3511	2.6	4
6	Speciation driven by recombination in the evolution of tomato curly stunt virus in Mozambique. <i>Plant Pathology</i> , <b>2021</b> , 70, 994-1002	2.8	3
5	Intra-host evolution of the ssDNA virus tomato severe rugose virus (ToSRV). <i>Virus Research</i> , <b>2021</b> , 292, 198234	6.4	2
4	Revealing the Complexity of Sweepovirus-Deltasatellite-Plant Host Interactions: Expanded Natural and Experimental Helper Virus Range and Effect Dependence on Virus-Host Combination. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	1
3	A new bipartite begomovirus naturally infecting <i>Pyrenacantha</i> sp. in Mozambique. <i>Archives of Virology</i> , <b>2021</b> , 1	2.6	

- 2 Complete genome sequence of a recombinant isolate of yambean mosaic virus from *Canavalia ensiformis*. *Virus Genes*, **2021**, 57, 561-564 2.3
- 1 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 2.6