Renato O Resende

List of Publications by Year
in descending order

84 papers	2,775 citations	172457 29 h-index	197818 49 g-index
87 all docs	87 docs citations	87 times ranked	2742 citing authors

#	Article	IF	Citations
1	Taxonomy of the order Bunyavirales: update 2019. Archives of Virology, 2019, 164, 1949-1965.	2.1	285
2	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
3	Taxonomy of the order Bunyavirales: second update 2018. Archives of Virology, 2019, 164, 927-941.	2.1	115
4	Synergistic Interaction Between Tomato chlorosis virus and Tomato spotted wilt virus Results in Breakdown of Resistance in Tomato. Phytopathology, 2006, 96, 1263-1269.	2.2	107
5	Resistance to Tospoviruses in Vegetable Crops: Epidemiological and Molecular Aspects. Annual Review of Phytopathology, 2016, 54, 347-371.	7.8	98
6	Characterization of a Tospovirus Isolate of Iris Yellow Spot Virus Associated with a Disease in Onion Fields in Brazil. Plant Disease, 1999, 83, 345-350.	1.4	93
7	Increase of Tospoviral Diversity in Brazil with the Identification of Two New Tospovirus Species, One from Chrysanthemum and One from Zucchini. Phytopathology, 1999, 89, 823-830.	2.2	89
8	Distinct levels of relationships between tospovirus isolates. Archives of Virology, 1993, 128, 211-227.	2.1	83
9	The competence of four thrips species to transmit and replicate four tospoviruses. Plant Pathology, 2004, 53, 136-140.	2.4	78
10	Transcriptome characterization of the dimorphic and pathogenic fungusParacoccidioides brasiliensisby EST analysis. Yeast, 2003, 20, 263-271.	1.7	74
11	The Plant Virus Tomato Spotted Wilt Tospovirus Activates the Immune System of Its Main Insect Vector, Frankliniella occidentalis. Journal of Virology, 2004, 78, 4976-4982.	3.4	73
12	The <i><scp>T</scp>omato spotted wilt virus</i> cellâ€toâ€cell movement protein (<scp>NS_M</scp>) triggers a hypersensitive response in <i><scp>S</scp>wâ€5</i>â€containing resistant tomato lines and in <i><scp>N</scp>icotiana benthamiana</i> transformed with the functional <i><scp>S</scp>wâ€5b</i> resistance gene copy. Molecular Plant Pathology, 2014, 15, 871-880.	4.2	72
13	Genomic diversity of sweet potato geminiviruses in a Brazilian germplasm bank. Virus Research, 2010, 149, 224-233.	2.2	70
14	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
15	Characterization of a Distinct Isolate of Tomato Spotted Wilt Virus (TSWV) from Impatiens sp. in The Netherlands. Journal of Phytopathology, 1992, 134, 133-151.	1.0	61
16	The movement proteins (NSm) of distinct tospoviruses peripherally associate with cellular membranes and interact with homologous and heterologous NSm and nucleocapsid proteins. Virology, 2015, 478, 39-49.	2.4	50
17	Characterization of Bean Necrotic Mosaic Virus: A Member of a Novel Evolutionary Lineage within the Genus Tospovirus. PLoS ONE, 2012, 7, e38634.	2.5	48
18	Sequence diversity of NS M movement protein of tospoviruses. Archives of Virology, 2001, 146, 1267-1281.	2.1	47

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19	Development of a locus-specific, co-dominant SCAR marker for assisted-selection of the Sw-5 (Tospovirus resistance) gene cluster in a wide range of tomato accessions. Molecular Breeding, 2010, 25, 133-142.	2.1	45
20	Dissecting the Subcellular Localization, Intracellular Trafficking, Interactions, Membrane Association, and Topology of Citrus Leprosis Virus C Proteins. Frontiers in Plant Science, 2018, 9, 1299.	3.6	45
21	Cell death triggering and effector recognition by Swâ€5 SDâ€CNL proteins from resistant and susceptible tomato isolines to <i>Tomato spotted wilt virus</i>. Molecular Plant Pathology, 2016, 17, 1442-1454.	4.2	42
22	Pepper yellow mosaic virus, a new potyvirus in sweetpepper, Capsicum annuum. Archives of Virology, 2002, 147, 849-855.	2.1	38
23	Phenotypic Expression, Stability, and Inheritance of a Recessive Resistance to Monopartite Begomoviruses Associated with Tomato Yellow Leaf Curl Disease in Tomato. Phytopathology, 2008, 98, 618-627.	2.2	38
24	Genetic diversity and recombination analysis of sweepoviruses from Brazil. Virology Journal, 2012, 9, 241.	3.4	38
25	Garlic viral complex: identification of Potyviruses and Carlavirus in Central Brazil. Tropical Plant Pathology, 2001, 26, 619-626.	0.3	37
26	The Sw-5 Gene Cluster: Tomato Breeding and Research Toward Orthotospovirus Disease Control. Frontiers in Plant Science, 2018, 9, 1055.	3.6	35
27	Erigeron Witches'-Broom Phytoplasma in Brazil Represents New Subgroup VII-B in 16S rRNA Gene Group VII, the Ash Yellows Phytoplasma Group. Plant Disease, 2002, 86, 1142-1148.	1.4	33
28	The functional analysis of distinct tospovirus movement proteins (NS M) reveals different capabilities in tubule formation, cell-to-cell and systemic virus movement among the tospovirus species. Virus Research, 2017, 227, 57-68.	2.2	33
29	Recessive Resistance Derived from Tomato cv. Tyking-Limits Drastically the Spread of Tomato Yellow Leaf Curl Virus. Viruses, 2015, 7, 2518-2533.	3.3	32
30	Design of a Polymerase Chain Reaction for Specific Detection of Corn Stunt Spiroplasma. Plant Disease, 2001, 85, 475-480.	1.4	31
31	Expression of a viral polymerase-bound host factor turns human cell lines permissive to a plant- and insect-infecting virus. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1175-1180.	7.1	31
32	Search in Solanum (section Lycopersicon) germplasm for sources of broad-spectrum resistance to four Tospovirus species. Euphytica, 2011, 180, 307-319.	1.2	28
33	Comparison of Polyclonal Antisera in the Detection of Tomato Spotted Wilt Virus Using the Double Antibody Sandwich and Cocktail ELISA. Journal of Phytopathology, 1991, 132, 46-56.	1.0	27
34	The N protein of Tomato spotted wilt virus (TSWV) is associated with the induction of programmed cell death (PCD) in Capsicum chinense plants, a hypersensitive host to TSWV infection. Virus Research, 2008, 137, 245-252.	2.2	26
35	A silencing suppressor protein (NSs) of a tospovirus enhances baculovirus replication in permissive and semipermissive insect cell lines. Virus Research, 2011, 155, 259-267.	2.2	25
36	Identification of host proteins modulated by the virulence factor AC2 of Tomato chlorotic mottle virus inNicotiana benthamiana. Proteomics, 2013, 13, 1947-1960.	2.2	25

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37	IncidÃªncia de viroses e enfezamentos e estimativa de perdas causadas por molicutes em milho no ParanÃ¡. Pesquisa Agropecuaria Brasileira, 2003, 38, 19-25.	0.9	24
38	A novel monopartite begomovirus infecting sweet potato in Brazil. Archives of Virology, 2011, 156, 1291-1294.	2.1	24
39	Detection of three Allexivirus species infecting garlic in Brazil. Pesquisa Agropecuaria Brasileira, 2004, 39, 735-740.	0.9	23
40	Dengue virus tetra-epitope peptide expressed in lettuce chloroplasts for potential use in dengue diagnosis. Applied Microbiology and Biotechnology, 2013, 97, 5721-5729.	3.6	23
41	Multiple Resistance to <i>Meloidogyne</i> spp. and to Bipartite and Monopartite <i>Begomovirus</i> spp. in Wild <i>Solanum</i> (<i>Lycopersicon</i>) Accessions. Plant Disease, 2010, 94, 179-185.	1.4	22
42	A new virus found in garlic virus complex is a member of possible novel genus of the family Betaflexiviridae (order Tymovirales). PeerJ, 2019, 7, e6285.	2.0	20
43	An RNA-dependent RNA polymerase gene of a distinct Brazilian tospovirus. Virus Genes, 2011, 43, 385-389.	1.6	17
44	Genome sequences of chikungunya virus isolates circulating in midwestern Brazil. Archives of Virology, 2019, 164, 1205-1208.	2.1	17
45	Plant responses to tomato chlorotic mottle virus: Proteomic view of the resistance mechanisms to a bipartite begomovirus in tomato. Journal of Proteomics, 2017, 151, 284-292.	2.4	16
46	The NSm proteins of phylogenetically related tospoviruses trigger Sw-5bâ€"mediated resistance dissociated of their cell-to-cell movement function. Virus Research, 2017, 240, 25-34.	2.2	14
47	The First Report of <i>Tomato chlorotic spot virus</i> (TCSV) Infecting Long Beans and Chili Peppers in the Dominican Republic. Plant Disease, 2014, 98, 1285-1285.	1.4	14
48	Sequence Analysis of the Glycoproteins of Tomato Chlorotic Spot Virus and Groundnut Ringspot virus and Comparison with other Tospoviruses. Virus Genes, 2004, 29, 321-328.	1.6	13
49	Molecular characterization reveals Brazilian Tomato chlorosis virus to be closely related to a Greek isolate. Tropical Plant Pathology, 2013, 38, 332-336.	1.5	13
50	First Report of a Resistance-breaking Isolate of <i>Tomato spotted wilt virus</i> Infecting Sweet Pepper Harboring the <i>Tsw</i> Gene in Argentina. Plant Disease, 2015, 99, 1869.	1.4	13
51	Characterization of a novel tymovirus on tomato plants in Brazil. Virus Genes, 2013, 46, 190-194.	1.6	12
52	The silencing suppressor (NSs) protein of the plant virus Tomato spotted wilt virus enhances heterologous protein expression and baculovirus pathogenicity in cells and lepidopteran insects. Archives of Virology, 2015, 160, 2873-2879.	2.1	12
53	First Report of <i>Johnsongrass mosaic virus</i> (JGMV) Infecting <i>Pennisetum purpureum</i> in Brazil. Plant Disease, 2013, 97, 1003-1003.	1.4	12
54	Host-specific accumulation and temperature effects on the generation of dimeric viral RNA species derived from the S-RNA of members of the Tospovirus genus. Journal of General Virology, 2016, 97, 3051-3062.	2.9	12

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55	A distinct tymovirus infecting Cassia hoffmannseggii in Brazil. Virus Genes, 2012, 45, 190-194.	1.6	11
56	Possible Host Adaptation as an Evolution Factor of <i>Cowpea aphidâ€borne mosaic virus</i> Deduced by Coat Protein Gene Analysis. Journal of Phytopathology, 2012, 160, 82-87.	1.0	11
57	Homology modeling and molecular dynamics provide structural insights into tospovirus nucleoprotein. BMC Bioinformatics, 2016, 17, 489.	2.6	11
58	Papaya lethal yellowing virus (PLYV) infects Vasconcellea cauliflora. Tropical Plant Pathology, 2006, 31, 517-517.	0.3	11
59	Dynamic proteomic analysis of Aedes aegypti Aag-2 cells infected with Mayaro virus. Parasites and Vectors, 2020, 13, 297.	2.5	10
60	The complete genome sequence of a Brazilian isolate of yam mild mosaic virus. Archives of Virology, 2013, 158, 515-518.	2.1	9
61	Biological and molecular characterization of tomato spotted wilt virus (TSWV) resistanceâ€breaking isolates from Argentina. Plant Pathology, 2019, 68, 1587-1601.	2.4	9
62	Patchouli virus X, a new potexvirus from Pogostemon clabin. Annals of Applied Biology, 2002, 141, 267-274.	2.5	8
63	Tomato Chlorotic Spot Virus (TCSV) Putatively Incorporated a Genomic Segment of Groundnut Ringspot Virus (GRSV) Upon a Reassortment Event. Viruses, 2019, 11, 187.	3.3	8
64	The glycoprotein gene of Chrysanthemum stem necrosis virus and Zucchini lethal chlorosis virus and molecular relationship with other tospoviruses. Virus Genes, 2007, 35, 785-793.	1.6	7
65	The complete genome of the tospovirus Zucchini lethal chlorosis virus. Virology Journal, 2016, 13, 123.	3.4	7
66	Identification and genome analysis of tomato chlorotic spot virus and dsRNA viruses from coinfected vegetables in theÂDominican Republic by high-throughput sequencing. Virology Journal, 2018, 15, 24.	3.4	7
67	Tobamoviruses of two new species trigger resistance in pepper plants harbouring functional L alleles. Journal of General Virology, 2021, 102, .	2.9	7
68	Fluorescence in situ hybridization analysis of endosymbiont genera reveals novel infection patterns in a tomato-infesting Bemisia tabaci population from Brazil. Tropical Plant Pathology, 2015, 40, 233-243.	1.5	6
69	Molecular Characterization of Hovenia Dulcis-Associated Virus 1 (HDaV1) and 2 (HDaV2): New Tentative Species within the Order Picornavirales. Viruses, 2020, 12, 950.	3.3	5
70	Molecular diversity of ecologically distinct Mal de RÃo Cuarto virus isolates based on restriction fragment length polymorphism (RFLPs) and genome sequence analysis of segments 1, 7, 9 and 10. Archives of Virology, 2007, 152, 1341-1351.	2.1	4
71	Molecular characterization of the RNA-dependent RNA polymerase from groundnut ringspot virus (genus Tospovirus, family Bunyaviridae). Archives of Virology, 2011, 156, 1425-1429.	2.1	4
72	Sources of resistance to Potato virus Y and Pepper yellow mosaic virus in Solanum (section) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td	1.7	4

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73	Pepper mild mottle virus isolates from Peru induce severe symptoms in susceptible pepper plants and belong to the P1,2 pathotype. Tropical Plant Pathology, 2021, 46, 381-385.	1.5	4
74	The fluctuation of transmission specificity and efficiency of Tomato spotted wilt virus by Frankliniella schultzei. Tropical Plant Pathology, 2007, 32, 439-439.	0.3	4
75	Alta incidÃªncia de Pepper yellow mosaic virus em tomateiro em regiÃ£o produtora no Distrito Federal. Tropical Plant Pathology, 2008, 33, 67-68.	1.5	3
76	Biological and molecular characterization of a highly divergent johnsongrass mosaic virus isolate from Pennisetum purpureum. Archives of Virology, 2016, 161, 1981-1986.	2.1	3
77	Analyses of orthotospovirus populations and dispersion under different environmental conditions in Brazil and in the Dominican Republic. Tropical Plant Pathology, 2019, 44, 511-518.	1.5	3
78	Low virus diversity and spread in wild Capsicum spp. accessions from Ecuador under natural inoculum pressure. Archives of Virology, 2021, 166, 1447-1453.	2.1	3
79	Sequence determination and analysis of the NSs genes of two tospoviruses. Archives of Virology, 2012, 157, 591-596.	2.1	2
80	High-throughput sequencing reveals a novel closterovirus in arracacha (Arracacia xanthorrhiza). Archives of Virology, 2018, 163, 2547-2550.	2.1	2
81	Orthotospoviruses (Tospoviridae). , 2021, , 507-515.		2
82	Two viruses from Stylosanthes guianensis may represent a new genus within Potyviridae. Virus Research, 2021, 293, 198257.	2.2	1
83	Chikungunya virus produced by a persistently infected mosquito cell line comprises a shorter genome and is non-infectious to mammalian cells. Journal of General Virology, 2021, 102, .	2.9	1
84	An isolate of sweet potato chlorotic stunt virus from Brazil with a distinct genome organization. Archives of Virology, 2019, 164, 2175-2178.	2.1	0