

# Edgar MaiÃ

## List of Publications by Year in descending order

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72  
papers

2,756  
citations

186265

28  
h-index

182427

51  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of four apple viruses by multiplex RT-PCR assays with coamplification of plant mRNA as internal control. <i>Journal of Virological Methods</i> , 2002, 99, 81-92.	2.1	314
2	Taxonomic reorganization of family Partitiviridae and other recent progress in partitivirus research. <i>Virus Research</i> , 2014, 188, 128-141.	2.2	271
3	ICTV Virus Taxonomy Profile: Partitiviridae. <i>Journal of General Virology</i> , 2018, 99, 17-18.	2.9	202
4	Fluorescent labelling reveals spatial separation of potyvirus populations in mixed infected <i>Nicotiana benthamiana</i> plants. <i>Journal of General Virology</i> , 2003, 84, 2871-2876.	2.9	163
5	"Rattlesnake" structure of a filamentous plant RNA virus built of two capsid proteins.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 2470-2473.	7.1	132
6	Capsid Protein-Mediated Recruitment of Host DnaJ-Like Proteins Is Required for <i>Potato Virus Y</i> Infection in Tobacco Plants. <i>Journal of Virology</i> , 2007, 81, 11870-11880.	3.4	123
7	Taxonomic relatedness between <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> , <i>Pectobacterium carotovorum</i> subsp. <i>odoriferum</i> and <i>Pectobacterium carotovorum</i> subsp. <i>brasiliense</i> subsp. nov. <i>Journal of Applied Microbiology</i> , 2012, 113, 904-913.	3.1	94
8	Characterisation and serology of virus-like particles associated with faba bean necrotic yellows. <i>Annals of Applied Biology</i> , 1993, 123, 629-647.	2.5	68
9	Engineered Tobacco mosaic virus mutants with distinct physical characteristics in planta and enhanced metallization properties. <i>Virus Research</i> , 2011, 157, 35-46.	2.2	68
10	Expression and biochemical analyses of the recombinant potato virus X 25K movement protein. <i>FEBS Letters</i> , 1996, 397, 75-78.	2.8	64
11	<i>Ceratothripoides claratris</i> , a New Vector of a Capsicum chlorosis virus Isolate Infecting Tomato in Thailand. <i>Phytopathology</i> , 2005, 95, 659-663.	2.2	63
12	Ultrastructural localization of nonstructural and coat proteins of 19 potyviruses using antisera to bacterially expressed proteins of plum pox potyvirus. <i>Archives of Virology</i> , 1998, 143, 2133-2158.	2.1	58
13	Mutations in the coat protein gene of Plum pox virus suppress particle assembly, heterologous encapsidation and complementation in transgenic plants of <i>Nicotiana benthamiana</i> . <i>Journal of General Virology</i> , 2000, 81, 567-576.	2.9	58
14	The production of a genus-specific recombinant antibody (scFv) using a recombinant potyvirus protease. <i>Journal of Virological Methods</i> , 2002, 106, 225-233.	2.1	57
15	Sour Cherry Strain of Plum Pox Potyvirus (PPV): Molecular and Serological Evidence for a New Subgroup of PPV Strains. <i>Phytopathology</i> , 1996, 86, 1215.	2.2	57
16	Influence of <i>tomato spotted wilt virus</i> on performance and behaviour of western flower thrips ( <i>Frankliniella occidentalis</i> ). <i>Journal of Applied Entomology</i> , 2013, 137, 488-498.	1.8	51
17	Use of pentapeptide-insertion scanning mutagenesis for functional mapping of the plum pox virus helper component proteinase suppressor of gene silencing. <i>Journal of General Virology</i> , 2007, 88, 1005-1015.	2.9	44
18	Multiplex RT-PCR-ELISA compared with bioassay for the detection of four apple viruses. <i>Journal of Virological Methods</i> , 2003, 110, 153-157.	2.1	39

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19	Detection of plum pox potyviral protein-protein interactions in planta using an optimized mRFP-based bimolecular fluorescence complementation system. <i>Journal of General Virology</i> , 2011, 92, 2711-2723.	2.9	39
20	The complete nucleotide sequence of a capsicum chlorosis virus isolate from <i>Lycopersicon esculentum</i> in Thailand. <i>Archives of Virology</i> , 2006, 151, 1761-1782.	2.1	38
21	Application of Phi29 DNA polymerase in identification and full-length clone inoculation of tomato yellow leaf curl Thailand virus and tobacco leaf curl Thailand virus. <i>Archives of Virology</i> , 2007, 152, 941-954.	2.1	35
22	Host-Controlled Cell-to-Cell Movement of a Hybrid Barley Stripe Mosaic Virus Expressing a Dianthovirus Movement Protein. <i>Intervirology</i> , 1997, 40, 1-6.	2.8	34
23	Molecular diversity of poleroviruses infecting cucurbit crops in four countries reveals the presence of members of six distinct species. <i>Archives of Virology</i> , 2014, 159, 1459-1465.	2.1	34
24	The Complete Nucleotide Sequence of the S RNA of a New Tospovirus Species, Representing Serogroup IV. <i>Phytopathology</i> , 1995, 85, 683.	2.2	34
25	Molecular Cloning of DNA Complementary to the RNA-Genome of Plum Pox Virus (PPV). <i>Journal of Phytopathology</i> , 1988, 122, 222-231.	1.0	33
26	Molecular characterization of five betacryptoviruses infecting four clover species and dill. <i>Archives of Virology</i> , 2013, 158, 1943-1952.	2.1	33
27	Transgenic or Plant Expression Vector-Mediated Recombination of Plum Pox Virus. <i>Journal of Virology</i> , 2000, 74, 7462-7469.	3.4	31
28	The role of the coat protein region in symptom formation on <i>Physalis floridana</i> varies between PVY strains. <i>Virus Research</i> , 2007, 127, 122-125.	2.2	31
29	Molecular characterization and detection of <i>Vicia cryptic virus</i> in different <i>Vicia faba</i> cultivars. <i>Archives of Virology</i> , 2007, 152, 1477-1488.	2.1	29
30	Native electrophoresis and Western blot analysis (NEWeB): a method for characterization of different forms of potyvirus particles and similar nucleoprotein complexes in extracts of infected plant tissues. <i>Journal of General Virology</i> , 2000, 81, 2295-2298.	2.9	27
31	The complete nucleotide sequence of Plum pox virus isolates from sweet (PPV-SwC) and sour (PPV-SoC) cherry and their taxonomic relationships within the species. <i>Archives of Virology</i> , 2003, 148, 2137-2153.	2.1	26
32	Occurrence and distribution of cassava begomoviruses in Kenya. <i>Annals of Applied Biology</i> , 2004, 145, 175-184.	2.5	26
33	A novel open reading frame in tobacco mosaic virus genome coding for a putative small, positively charged protein. <i>Biochimie</i> , 1993, 75, 659-665.	2.6	23
34	Biological properties of Beet mild yellowing virus derived from a full-length cDNA clone. <i>Journal of General Virology</i> , 2006, 87, 445-449.	2.9	23
35	Eriophyid mite transmission and host range of a Brome streak mosaic virus isolate derived from a full-length cDNA clone. <i>Archives of Virology</i> , 2008, 153, 181-185.	2.1	21
36	Construction of an infectious full-length cDNA clone of potato virus M. <i>Archives of Virology</i> , 2008, 153, 1385-1389.	2.1	21

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37	The complete sequence of the genome of Cocksfoot streak virus (CSV), a grass infecting Potyvirus. Archives of Virology, 2002, 147, 1573-1583.	2.1	20
38	An optimized mRFP-based bimolecular fluorescence complementation system for the detection of protein-protein interactions in planta. Journal of Virological Methods, 2011, 174, 158-165.	2.1	19
39	Complete nucleotide sequence and experimental host range of Okra mosaic virus. Virus Genes, 2008, 36, 231-240.	1.6	18
40	Detection of 6K1 as a mature protein of 6â€¦kDa in plum pox virus-infected Nicotiana benthamiana. Journal of General Virology, 2006, 87, 2381-2386.	2.9	17
41	Nucleotide sequence of the bean leafroll luteovirus coat protein gene. Nucleic Acids Research, 1990, 18, 5544-5544.	14.5	15
42	Transreplication of a Tomato yellow leaf curl Thailand virus DNA-B and replication of a DNA component by Tomato leaf curl Vietnam virus and Tomato yellow leaf curl Vietnam virus. Virus Research, 2008, 136, 107-117.	2.2	15
43	Molecular characterization of two alphacryptovirus dsRNAs isolated from Daucus carota. Archives of Virology, 2009, 154, 541-543.	2.1	14
44	Title is missing!. Molecular Breeding, 1998, 4, 155-164.	2.1	10
45	Expression of the plum pox virus coat protein region in Escherichia coli. Virus Genes, 1989, 2, 119-127.	1.6	9
46	Single- and Double-Stranded RNAs Associated with an Isolate of Beet Soil-Borne Virus. Intervirology, 1992, 33, 97-102.	2.8	9
47	A chimeric plum pox virus shows reduced spread and cannot compete with its parental wild-type viruses in a mixed infection. Journal of General Virology, 2007, 88, 2846-2851.	2.9	9
48	Characterization of the Complete Genome of a Novel Polerovirus Infecting <i>Scaevola taccada</i> in Thailand. Journal of Phytopathology, 2015, 163, 695-702.	1.0	9
49	Development of a molecular assay for the general detection of tospoviruses and the distinction between tospoviral species. Archives of Virology, 2017, 162, 1519-1528.	2.1	9
50	Molecular analyses of the coat protein region of different viruses on Poaceae belonging to the Potyviridae. Agronomy for Sustainable Development, 1995, 15, 491-494.	0.8	9
51	No recombination detected in artificial potyvirus mixed infections and between potyvirus derived transgenes and heterologous challenging potyviruses. Environmental Biosafety Research, 2007, 6, 207-218.	1.1	9
52	Molecular and serological relationships of Spartina mottle virus (SpMV) strains from Spartina spec. and from Cynodon dactylon to other members of the Potyviridae. Archives of Virology, 2002, 147, 379-391.	2.1	8
53	In planta Protein Interactions of Three Alphacryptoviruses and Three Betacryptoviruses from White Clover, Red Clover and Dill by Bimolecular Fluorescence Complementation Analysis. Viruses, 2013, 5, 2512-2530.	3.3	8
54	Development of a molecular assay for the detection of Cucumber mosaic virus and the discrimination of its subgroups I and II. Journal of Virological Methods, 2017, 243, 35-43.	2.1	8

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55	Production and use of cDNA clones from arabis mosaic virus. <i>Annals of Applied Biology</i> , 1988, 113, 483-491.	2.5	7
56	Nucleotide sequence of the potato leafroll virus coat protein gene. <i>Nucleic Acids Research</i> , 1989, 17, 1768-1768.	14.5	7
57	Studies on Particle Components of Cacao Swollen Shoot Virus. <i>Journal of Phytopathology</i> , 1993, 139, 207-216.	1.0	7
58	Nucleotide sequence of a satellite RNA associated with carrot motley dwarf in parsley and carrot. <i>Virus Genes</i> , 2009, 38, 187-188.	1.6	7
59	Nucleotide sequence of the coat protein gene of pelargonium leaf curl virus and comparison of the deduced coat protein amino acid sequence with those of other tombusviruses. <i>Archives of Virology</i> , 1993, 129, 349-356.	2.1	6
60	First full-length genome sequence of the polerovirus luffa aphid-borne yellows virus (LABYV) reveals the presence of at least two consensus sequences in an isolate from Thailand. <i>Archives of Virology</i> , 2015, 160, 2633-2636.	2.1	6
61	Detection of plum pox virus by isolation of double-stranded ribonucleic acid (dsRNA). <i>EPPO Bulletin</i> , 1987, 17, 91-95.	0.8	5
62	<i>Cucumis sativus</i> Cryptic Virus, a New Virus in Cucumber. <i>Journal of Phytopathology</i> , 1988, 121, 233-238.	1.0	5
63	Complete genome sequences of two biologically distinct isolates of Asparagus virus 1. <i>Archives of Virology</i> , 2015, 160, 569-572.	2.1	5
64	Complete genome sequence and construction of an infectious full-length cDNA clone of a German isolate of celery mosaic virus. <i>Archives of Virology</i> , 2018, 163, 1107-1111.	2.1	5
65	Einsatz einer Resistenzinduktion durch Kulturfiltrate von <i>Stachybotrys chartarum</i> (Ehrenb. ex Link) Hughes und <i>Bacillus subtilis</i> (Ehrenberg) Cohn gegen Virose unter praxisÄ¼blichen Anbaubedingungen. <i>Archives of Phytopathology and Plant Protection</i> , 1987, 23, 275-283.	1.3	4
66	Combining drought QTLs and bacterial blight Xa-genes to control bacterial blight disease under drought stress. <i>Agriculture, Ecosystems and Environment</i> , 2016, 233, 282-290.	5.3	4
67	Three new mycoviruses identified in the apple replant disease (ARD)-associated fungus <i>Rugonectria rugulosa</i> . <i>Virus Genes</i> , 2022, 58, 423-435.	1.6	4
68	Complete nucleotide sequence of a carrot isolate of Carrot mottle virus from Germany. <i>Archives of Virology</i> , 2008, 153, 2163-2165.	2.1	3
69	Resistenzinduktion gegen systemische Virusinfektionen durch Kulturfiltrate von <i>Stachybotrys chartarum</i> (Ehrenb. ex Link) Hughes. <i>Journal of Phytopathology</i> , 1987, 119, 175-183.	1.0	1
70	Complete genome sequence of a German isolate of spartina mottle virus supports its classification as a member of the proposed genus "Sparmovirus" within the family Potyviridae. <i>Archives of Virology</i> , 2020, 165, 2385-2388.	2.1	1
71	Expression of the coat protein gene of plum pox virus in <i>Escherichia coli</i> . <i>Archives of Phytopathology and Plant Protection</i> , 1990, 26, 381-388.	1.3	0
72	Nucleotide Sequence of the PPV-B Coat Protein Gene. <i>Biotechnology and Biotechnological Equipment</i> , 1991, 5, 52-55.	1.3	0