

Mariano Cambra Álvarez

List of Publications by Year in descending order

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69
papers

3,460
citations

117625

34
h-index

144013

57
g-index

70
all docs

70
docs citations

70
times ranked

2178
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of <i>Candidatus</i> Liberibacter solanacearum™ with a Vegetative Disorder of Celery in Spain and Development of a Real-Time PCR Method for Its Detection. <i>Phytopathology</i> , 2014, 104, 804-811.	2.2	127
2	<i>Plum pox virus</i> and sharka: a model potyvirus and a major disease. <i>Molecular Plant Pathology</i> , 2014, 15, 226-241.	4.2	178
3	Tissue-print and squash real-time PCR for direct detection of <i>Candidatus</i> Liberibacter™ species in citrus plants and psyllid vectors. <i>Plant Pathology</i> , 2014, 63, 1149-1158.	2.4	35
4	Start-up strategies for thermophilic anaerobic digestion of pig manure. <i>Energy</i> , 2014, 74, 389-395.	8.8	22
5	Potential vectors of Plum pox virus in the Eastern Mediterranean Region of Turkey. <i>Entomologia Generalis</i> , 2014, 35, 137-150.	3.1	10
6	Genetic engineering of Plum pox virus resistance: "HoneySweet" plum™ from concept to product. <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 115, 1-12.	2.3	109
7	Characterization of Sour Cherry Isolates of <i>Plum pox virus</i> from the Volga Basin in Russia Reveals a New Cherry Strain of the Virus. <i>Phytopathology</i> , 2013, 103, 972-979.	2.2	46
8	Horticultural mineral oil treatments in nurseries during aphid flights reduce <i>Plum pox virus</i> incidence under different ecological conditions. <i>Annals of Applied Biology</i> , 2013, 162, 299-308.	2.5	12
9	Epidemiology of Citrus tristeza virus in nursery blocks of Citrus macrophylla and evaluation of control measures. <i>Spanish Journal of Agricultural Research</i> , 2012, 10, 1107.	0.6	2
10	Calculation of Diagnostic Parameters of Advanced Serological and Molecular Tissue-Print Methods for Detection of <i>Citrus tristeza virus</i> : A Model for Other Plant Pathogens. <i>Phytopathology</i> , 2012, 102, 114-121.	2.2	28
11	Estimation of the accuracy of two diagnostic methods for the detection of <i>Plum pox virus</i> in nursery blocks by latent class models. <i>Plant Pathology</i> , 2012, 61, 413-422.	2.4	14
12	The position of the major QTL for Citrus tristeza virus resistance is conserved among Citrus grandis, C. aurantium and Poncirus trifoliata. <i>Molecular Breeding</i> , 2012, 29, 575-587.	2.1	22
13	Analysis of the Epitope Structure of <i>Plum pox virus</i> Coat Protein. <i>Phytopathology</i> , 2011, 101, 611-619.	2.2	18
14	Efficacy of a micro-encapsulated formulation compared with a sticky barrier for excluding ants from citrus canopies. <i>Journal of Applied Entomology</i> , 2011, 135, 467-472.	1.8	14
15	Resistance to <i>Plum pox virus</i> in plants expressing cytosolic and nuclear single-chain antibodies against the viral RNA Nib replicase. <i>Plant Pathology</i> , 2011, 60, 967-976.	2.4	14
16	Transgenic expression in citrus of single-chain antibody fragments specific to Citrus tristeza virus confers virus resistance. <i>Transgenic Research</i> , 2010, 19, 1001-1015.	2.4	41
17	Susceptibility of <i>Prunus</i> rootstocks to natural infection of <i>Plum pox virus</i> and effect of mineral oil treatments. <i>Annals of Applied Biology</i> , 2010, 157, 447-457.	2.5	9
18	Quantitative estimation of plum pox virus targets acquired and transmitted by a single Myzus persicae. <i>Archives of Virology</i> , 2009, 154, 1391-1399.	2.1	30

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19	Liberibacters Associated with Citrus Huanglongbing in Brazil: <i>Candidatus</i> Liberibacter asiaticus TM Is Heat Tolerant, <i>Ca.</i> <i>L. americanus</i> TM Is Heat Sensitive. <i>Plant Disease</i> , 2009, 93, 257-262.	1.4	119
20	Graft Transmission Efficiencies and Multiplication of <i>Candidatus</i> Liberibacter americanus TM and <i>Ca.</i> Liberibacter asiaticus TM in Citrus Plants. <i>Phytopathology</i> , 2009, 99, 301-306.	2.2	79
21	Assessment of the diversity and dynamics of Plum pox virus and aphid populations in transgenic European plums under Mediterranean conditions. <i>Transgenic Research</i> , 2008, 17, 367-377.	2.4	37
22	Quantitative detection of Citrus tristeza virus in plant tissues and single aphids by real-time RT-PCR. <i>European Journal of Plant Pathology</i> , 2008, 120, 177-188.	1.7	81
23	<i>Citrus tristeza virus</i> resistance in a core collection of sour orange based on a diversity study of three germplasm collections using QTL-linked markers. <i>Plant Breeding</i> , 2008, 127, 398-406.	1.9	10
24	Co-operational PCR coupled with dot blot hybridization for detection and 16SrX grouping of phytoplasmas. <i>Plant Pathology</i> , 2007, 56, 677-682.	2.4	13
25	Isothermal amplification coupled with rapid flow-through hybridisation for sensitive diagnosis of Plum pox virus. <i>Journal of Virological Methods</i> , 2007, 139, 111-115.	2.1	24
26	MOLECULAR METHODS FOR DETECTION AND QUANTITATION OF VIRUS IN APHIDS. , 2006, , 81-88.		8
27	Field Trials of Plum Clones Transformed with the Plum pox virus Coat Protein (PPV-CP) Gene. <i>Plant Disease</i> , 2006, 90, 1012-1018.	1.4	77
28	Interference Between D and M Types of Plum pox virus in Japanese Plum Assessed by Specific Monoclonal Antibodies and Quantitative Real-Time Reverse Transcription-Polymerase Chain Reaction. <i>Phytopathology</i> , 2006, 96, 320-325.	2.2	36
29	Real-time assay for quantitative detection of non-persistently transmitted Plum pox virus RNA targets in single aphids. <i>Journal of Virological Methods</i> , 2005, 128, 151-155.	2.1	110
30	Real-time PCR for simultaneous and quantitative detection of quarantine phytoplasmas from apple proliferation (16SrX) group. <i>Molecular and Cellular Probes</i> , 2005, 19, 334-340.	2.1	65
31	QTL analysis of citrus tristeza virus-citradia interaction. <i>Theoretical and Applied Genetics</i> , 2004, 108, 603-611.	3.6	35
32	Estimation of the number of aphids carrying Citrus tristeza virus that visit adult citrus trees. <i>Virus Research</i> , 2004, 100, 101-108.	2.2	64
33	Sudden Death of Citrus in Brazil: A Graft-Transmissible Bud Union Disease. <i>Plant Disease</i> , 2004, 88, 453-467.	1.4	43
34	Innovative tools for detection of plant pathogenic viruses and bacteria. <i>International Microbiology</i> , 2003, 6, 233-243.	2.4	259
35	Generation and characterisation of functional recombinant antibody fragments against RNA replicase N1b from plum pox virus. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 167-175.	2.1	12
36	Highly sensitive detection of <i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i> in asymptomatic olive plants by nested-PCR in a single closed tube. <i>Journal of Microbiological Methods</i> , 2003, 52, 261-266.	1.6	37

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37	A new and sensitive Co-operational polymerase chain reaction for rapid detection of <i>Ralstonia solanacearum</i> in water. <i>Journal of Microbiological Methods</i> , 2003, 55, 257-272.	1.6	56
38	Multiplex Nested Reverse Transcription-Polymerase Chain Reaction in a Single Tube for Sensitive and Simultaneous Detection of Four RNA Viruses and <i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i> in Olive Trees. <i>Phytopathology</i> , 2003, 93, 286-292.	2.2	76
39	Enrichment Double-Antibody Sandwich Indirect Enzyme-Linked Immunosorbent Assay That Uses a Specific Monoclonal Antibody for Sensitive Detection of <i>Ralstonia solanacearum</i> in Asymptomatic Potato Tubers. <i>Applied and Environmental Microbiology</i> , 2002, 68, 3634-3638.	3.1	48
40	Simultaneous and co-operational amplification (Co-PCR): a new concept for detection of plant viruses. <i>Journal of Virological Methods</i> , 2002, 106, 51-59.	2.1	62
41	Specific and Sensitive Detection of <i>Phytophthora nicotianae</i> By Simple and Nested-PCR. <i>European Journal of Plant Pathology</i> , 2002, 108, 197-207.	1.7	98
42	Title is missing!. <i>Molecular Breeding</i> , 2002, 10, 1-10.	2.1	74
43	Existence of two serological subclusters of Plum pox virus, strain M. <i>European Journal of Plant Pathology</i> , 2001, 107, 845-848.	1.7	19
44	Single-step multiplex RT-PCR for simultaneous and colourimetric detection of six RNA viruses in olive trees. <i>Journal of Virological Methods</i> , 2001, 96, 33-41.	2.1	95
45	A fast one-step reverse transcription and polymerase chain reaction (RT-PCR) amplification procedure providing highly specific complementary DNA from plant virus RNA. <i>Journal of Virological Methods</i> , 2000, 87, 25-28.	2.1	9
46	Differentiation of citrus tristeza virus isolates by serological analysis of p25 coat protein peptide maps. <i>Journal of Virological Methods</i> , 2000, 88, 25-34.	2.1	10
47	Fully Recombinant Enzyme-Linked Immunosorbent Assays Using Genetically Engineered Single-Chain Antibody Fusion Proteins for Detection of Citrus tristeza virus. <i>Phytopathology</i> , 2000, 90, 1337-1344.	2.2	30
48	Incidence and epidemiology of Citrus tristeza virus in the Valencian Community of Spain. <i>Virus Research</i> , 2000, 71, 85-95.	2.2	78
49	Biotechnological aspects of plum pox virus. <i>Journal of Biotechnology</i> , 2000, 76, 121-136.	3.8	86
50	New device and method for capture, reverse transcription and nested PCR in a single closed-tube. <i>Nucleic Acids Research</i> , 1999, 27, 1564-1565.	14.5	85
51	Comparison of Monoclonal Antibodies and Polymerase Chain Reaction Assays for the Typing of Isolates Belonging to the D and M Serotypes of Plum Pox Potyvirus. <i>Phytopathology</i> , 1998, 88, 198-204.	2.2	104
52	Simultaneous detection and typing of plum pox potyvirus (PPV) isolates by heminested-PCR and PCR-ELISA. <i>Journal of Virological Methods</i> , 1997, 68, 127-137.	2.1	118
53	Title is missing!. <i>European Journal of Plant Pathology</i> , 1997, 103, 477-480.	1.7	42
54	Print-capture PCR: a simple and highly sensitive method for the detection of plum pox virus (PPV) in plant tissues. <i>Nucleic Acids Research</i> , 1996, 24, 2192-2193.	14.5	92

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55	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
56	Spatial and Temporal Analyses of Citrus Tristeza Virus in Eastern Spain. <i>Phytopathology</i> , 1996, 86, 45.	2.2	74
57	Serological characterization of potato isolates of <i>Erwinia carotovora</i> subsp. <i>atroseptica</i> and subsp. <i>carotovora</i> using polyclonal and monoclonal antibodies. <i>Journal of Applied Bacteriology</i> , 1995, 79, 592-602.	1.1	10
58	A simple imprint-hybridization method for detection of viroids. <i>Journal of Virological Methods</i> , 1995, 55, 37-47.	2.1	38
59	Mutagenic Analysis and Localization of a Highly Conserved Epitope Near the Amino Terminal End of the Citrus Tristeza Closterovirus Capsid Protein. <i>Phytopathology</i> , 1995, 85, 1311.	2.2	7
60	Production and characterization of monoclonal antibodies to plum pox virus and their use in differentiation of Mediterranean isolates. <i>Archives of Virology</i> , 1994, 135, 293-304.	2.1	17
61	Biological diversity of citrus tristeza virus (CTV) isolates in Spain. <i>Plant Pathology</i> , 1993, 42, 219-229.	2.4	55
62	Partial purification of a virus associated with a Spanish isolate of citrus ringspot. <i>Plant Pathology</i> , 1993, 42, 339-346.	2.4	16
63	Detection of double-stranded RNA by ELISA and dot immunobinding assay using an antiserum to synthetic polynucleotides. <i>Journal of Virological Methods</i> , 1991, 33, 1-11.	2.1	16
64	Differentiation of <i>Erwinia carotovora</i> subsp. <i>carotovora</i> and <i>Erwinia carotovora</i> subsp. <i>atroseptica</i> isolated from potato by Western blot and subsequent indirect ELISA. <i>Journal of Applied Bacteriology</i> , 1990, 69, 17-24.	1.1	12
65	Preparation of additional monoclonal antibodies for detection and discrimination of potato virus Y isolates infecting potato. <i>Potato Research</i> , 1990, 33, 365-375.	2.7	13
66	Effect of antiviral chemicals on the development and virus content of citrus buds cultured in vitro. <i>Scientia Horticulturae</i> , 1990, 45, 75-87.	3.6	8
67	Comparative study of <i>Agrobacterium</i> biotypes 1, 2 and 3 by electrophoresis and serological methods. <i>Journal of Applied Bacteriology</i> , 1987, 62, 295-308.	1.1	21
68	Production and Characterization of Monoclonal Antibodies Specific for Citrus Tristeza Virus and Their Use for Diagnosis. <i>Journal of General Virology</i> , 1986, 67, 91-96.	2.9	88
69	Suitable conditions for detecting apple chlorotic leaf spot virus in apricot trees by enzyme-linked immunosorbent assay (ELISA). <i>Agronomy for Sustainable Development</i> , 1985, 5, 809-812.	0.8	5