

Rick Mumford

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,069
citations

430874

18
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1979
citing authors

#	ARTICLE	IF	CITATIONS
1	Technology development for the early detection of plant pests: a framework for assessing Technology Readiness Levels (TRLs) in environmental science. <i>Journal of Plant Diseases and Protection</i> , 2022, 129, 1249-1261.	2.9	5
2	Transcriptome sequencing identifies novel persistent viruses in herbicide resistant wild-grasses. <i>Scientific Reports</i> , 2017, 7, 41987.	3.3	26
3	Methods in virus diagnostics: From ELISA to next generation sequencing. <i>Virus Research</i> , 2014, 186, 20-31.	2.2	326
4	The Development of Monoclonal Antibodies to the secA Protein of Cape St. Paul Wilt Disease Phytoplasma and Their Evaluation as a Diagnostic Tool. <i>Molecular Biotechnology</i> , 2014, 56, 803-813.	2.4	5
5	Use of next-generation sequencing for the identification and characterization of <i>M</i> aze chlorotic mottle virus and <i>S</i> ugarcane mosaic virus causing maize lethal necrosis in <i>K</i> enya. <i>Plant Pathology</i> , 2013, 62, 741-749.	2.4	109
6	Detection of Plant Pathogen Spores of Economic Significance on Pollen Trap Slides. <i>Journal of Phytopathology</i> , 2013, 161, 855-858.	1.0	4
7	Seed transmission of Pepino mosaic virus in tomato. <i>European Journal of Plant Pathology</i> , 2010, 126, 145-152.	1.7	58
8	Panel of 23S rRNA Gene-Based Real-Time PCR Assays for Improved Universal and Group-Specific Detection of Phytoplasmas. <i>Applied and Environmental Microbiology</i> , 2009, 75, 2945-2950.	3.1	67
9	Real-time quantitative PCR based sensitive detection and genotype discrimination of Pepino mosaic virus. <i>Journal of Virological Methods</i> , 2009, 162, 46-55.	2.1	59
10	Next-generation sequencing and metagenomic analysis: a universal diagnostic tool in plant virology. <i>Molecular Plant Pathology</i> , 2009, 10, 537-545.	4.2	335
11	Direct Detection of Plant Viruses in Potato Tubers using Real-time PCR. <i>Methods in Molecular Biology</i> , 2009, 508, 249-258.	0.9	16
12	Exploiting generic platform technologies for the detection and identification of plant pathogens. <i>European Journal of Plant Pathology</i> , 2008, 121, 355-363.	1.7	94
13	Phytoplasma phylogenetics based on analysis of secA and 23S rRNA gene sequences for improved resolution of candidate species of 'Candidatus Phytoplasma'. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1826-1837.	1.7	184
14	Exploiting generic platform technologies for the detection and identification of plant pathogens. , 2008, , 355-363.		17
15	Microarrays for Rapid Identification of Plant Viruses. <i>Annual Review of Phytopathology</i> , 2007, 45, 307-328.	7.8	104
16	Effect of Pepino mosaic virus on the yield and quality of glasshouse-grown tomatoes in the UK. <i>Plant Pathology</i> , 2006, 55, 595-606.	2.4	70
17	Advances in molecular phytodiagnostics – new solutions for old problems. <i>European Journal of Plant Pathology</i> , 2006, 116, 1-19.	1.7	133
18	Development of a real-time RT-PCR assay for the detection of Potato spindle tuber viroid. <i>Journal of Virological Methods</i> , 2004, 116, 139-146.	2.1	152

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19	The reliable detection of Barley yellow and mild mosaic viruses using real-time PCR (TaqMan®). Journal of Virological Methods, 2004, 117, 153-159.	2.1	36
20	The partial sequencing of the genomic RNA of a UK isolate of Pepino mosaic virus and the comparison of the coat protein sequence with other isolates from Europe and Peru. Archives of Virology, 2001, 146, 2455-2460.	2.1	70
21	Rapid single-tube immunocapture RT-PCR for the detection of two yam potyviruses. Journal of Virological Methods, 1997, 69, 73-79.	2.1	80
22	An improved method for the detection of Tosspoviruses using the polymerase chain reaction. Journal of Virological Methods, 1996, 57, 109-115.	2.1	62
23	The detection of tomato spotted wilt virus using the polymerase chain reaction. Journal of Virological Methods, 1994, 46, 303-311.	2.1	55