Rick Mumford

List of Publications by Year
in descending order

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	Nextâ€generation sequencing and metagenomic analysis: a universal diagnostic tool in plant virology. Molecular Plant Pathology, 2009, 10, 537-545.	4.2	335
2	Methods in virus diagnostics: From ELISA to next generation sequencing. Virus Research, 2014, 186, 20-31.	2.2	326
3	Phytoplasma phylogenetics based on analysis of secA and 23S rRNA gene sequences for improved resolution of candidate species of 'Candidatus Phytoplasma'. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1826-1837.	1.7	184
4	Development of a real-time RT-PCR assay for the detection of Potato spindle tuber viroid. Journal of Virological Methods, 2004, 116, 139-146.	2.1	152
5	Advances in molecular phytodiagnostics â€“ new solutions for old problems. European Journal of Plant Pathology, 2006, 116, 1-19.	1.7	133
6	Use of nextâ€generation sequencing for the identification and characterization of <scp>M</scp>aize chlorotic mottle virus and <scp>S</scp>ugarcane mosaic virus causing maize lethal necrosis in <scp>K</scp>enya. Plant Pathology, 2013, 62, 741-749.	2.4	109
7	Microarrays for Rapid Identification of Plant Viruses. Annual Review of Phytopathology, 2007, 45, 307-328.	7.8	104
8	Exploiting generic platform technologies for the detection and identification of plant pathogens. European Journal of Plant Pathology, 2008, 121, 355-363.	1.7	94
9	Rapid single-tube immunocapture RT-PCR for the detection of two yam potyviruses. Journal of Virological Methods, 1997, 69, 73-79.	2.1	80
10	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
11	Effect of Pepino mosaic virus on the yield and quality of glasshouse-grown tomatoes in the UK. Plant Pathology, 2006, 55, 595-606.	2.4	70
12	Panel of 23S rRNA Gene-Based Real-Time PCR Assays for Improved Universal and Group-Specific Detection of Phytoplasmas. Applied and Environmental Microbiology, 2009, 75, 2945-2950.	3.1	67
13	An improved method for the detection of Tospoviruses using the polymerase chain reaction. Journal of Virological Methods, 1996, 57, 109-115.	2.1	62
14	Real-time quantitative PCR based sensitive detection and genotype discrimination of Pepino mosaic virus. Journal of Virological Methods, 2009, 162, 46-55.	2.1	59
15	Seed transmission of Pepino mosaic virus in tomato. European Journal of Plant Pathology, 2010, 126, 145-152.	1.7	58
16	The detection of tomato spotted wilt virus using the polymerase chain reaction. Journal of Virological Methods, 1994, 46, 303-311.	2.1	55
17	The reliable detection of Barley yellow and mild mosaic viruses using real-time PCR (TaqManÂ®). Journal of Virological Methods, 2004, 117, 153-159.	2.1	36
18	Transcriptome sequencing identifies novel persistent viruses in herbicide resistant wild-grasses. Scientific Reports, 2017, 7, 41987.	3.3	26

#	Article	IF	Citations
19	Exploiting generic platform technologies for the detection and identification of plant pathogens. , 2008, , 355-363.		17
20	Direct Detection of Plant Viruses in Potato Tubers using Real-time PCR. Methods in Molecular Biology, 2009, 508, 249-258.	0.9	16
21	The Development of Monoclonal Antibodies to the secA Protein of Cape St. Paul Wilt Disease Phytoplasma and Their Evaluation as a Diagnostic Tool. Molecular Biotechnology, 2014, 56, 803-813.	2.4	5
22	Technology development for the early detection of plant pests: a framework for assessing Technology Readiness Levels (TRLs) in environmental science. Journal of Plant Diseases and Protection, 2022, 129, 1249-1261.	2.9	5
23	Detection of Plant Pathogen Spores of Economic Significance on Pollen Trap Slides. Journal of Phytopathology, 2013, 161, 855-858.	1.0	4