Gerhard Pietersen

List of Publications by Year
in descending order

55 papers	1,260 citations	471509 17 h-index	395702 33 g-index
56 all docs	56 docs citations	56 times ranked	1491 citing authors

#	Article	IF	Citations
1	A Review of the â€˜Candidatus Liberibacter africanusâ€™ Citrus Pathosystem in Africa. Phytopathology, 2022, 112, 44-54.	2.2	8
2	Genomic characterization of grapevine viruses N and O: novel vitiviruses from South Africa. Archives of Virology, 2022, 167, 611-614.	2.1	11
3	Genome-Informed Design of a LAMP Assay for the Specific Detection of the Strain of â€˜Candidatus Phytoplasma asterisâ€™ Phytoplasma Occurring in Grapevines in South Africa. Plant Disease, 2022, 106, 2927-2939.	1.4	4
4	First report of grapevine virus L in grapevine in Turkey. Journal of Plant Pathology, 2021, 103, 343-343.	1.2	3
5	The management and financial implications of variable responses to grapevine leafroll disease. Journal of Plant Pathology, 2021, 103, 5-15.	1.2	6
6	Genetic diversity of â€˜Candidatus Liberibacter africanusâ€™ in South Africa based on microsatellite markers. European Journal of Plant Pathology, 2021, 159, 259-268.	1.7	1
7	First Report of Grapevine Virus H in Grapevine in Greece. Plant Disease, 2021, 105, 2738.	1.4	6
8	Survey for viruses affecting maize along the major grain transport route between Gauteng and KwaZulu-Natal in South Africa. European Journal of Plant Pathology, 2021, 160, 623-635.	1.7	1
9	Complete genome sequence of a grapevine Roditis leaf discoloration-associated virus (GRLDaV) variant from South Africa. Archives of Virology, 2021, 166, 2041-2044.	2.1	4
10	Novel viruses associated with plants of the family Amaryllidaceae in South Africa. Archives of Virology, 2021, 166, 2817-2823.	2.1	1
11	Detection and diversity of grapevine virus L from a Vitis cultivar collection in Stellenbosch, South Africa. European Journal of Plant Pathology, 2021, 161, 1007-1011.	1.7	5
12	Mitochondrial genetic variation reveals phylogeographic structure and cryptic diversity in Trioza erytreae. Scientific Reports, 2020, 10, 8893.	3.3	7
13	Detection of Asian Citrus Psyllid (Hemiptera: Psyllidae) in Ethiopia: A New Haplotype and its Implication to the Proliferation of Huanglongbing. Journal of Economic Entomology, 2020, 113, 1640-1647.	1.8	19
14	Habitat suitability and distribution potential of Liberibacter species (â€œCandidatus Liberibacter) Tj ETQq0 0 0 rgBT /Overlock 10 greening disease. Diversity and Distributions, 2020, 26, 575-588.	4.1	23
15	Distribution of Candidatus Liberibacter species in Eastern Africa, and the First Report of Candidatus Liberibacter asiaticus in Kenya. Scientific Reports, 2020, 10, 3919.	3.3	29
16	Next generation sequencing reveals past and current widespread occurrence of maize yellow mosaic virus in South Africa. European Journal of Plant Pathology, 2020, 158, 237-249.	1.7	4
17	Microbiome diversity inÂDiaphorina citriÂpopulations from Kenya and Tanzania shows links to China. PLoS ONE, 2020, 15, e0235348.	2.5	9
18	First report of maize yellow mosaic virus (MaYMV) on maize (Zea mays) in Tanzania. Journal of Plant Pathology, 2019, 101, 203-203.	1.2	13

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19	Analysis of Genotype Composition of Citrus tristeza virus Populations Using Illumina Miseq Technology. Methods in Molecular Biology, 2019, 2015, 179-194.	0.9	2
20	Draft Genome Sequence of a â€œ Candidatus Phytoplasma asterisâ€•Related Strain (Aster Yellows,) Tj ETQq0 0 0 rgBT /Overlock	0.6	12
21	Molecular characterization of Morogoro maize-associated virus, a nucleorhabdovirus detected in maize (Zea mays) in Tanzania. Archives of Virology, 2019, 164, 1711-1715.	2.1	8
22	Diversity and distribution of Maize-associated totivirus strains from Tanzania. Virus Genes, 2019, 55, 429-432.	1.6	6
23	Characterization and detection of maize-associated pteridovirus (MaPV), infecting maize (Zea mays) in the Arusha region of Tanzania. European Journal of Plant Pathology, 2019, 154, 1165-1170.	1.7	3
24	Diversity of partial RNA-dependent RNA polymerase gene sequences of soybean blotchy mosaic virus isolates from different host-, geographical- and temporal origins. Archives of Virology, 2018, 163, 1299-1305.	2.1	3
25	The structure and function of the global citrus rhizosphere microbiome. Nature Communications, 2018, 9, 4894.	12.8	304
26	Development of a strand-specific RT-PCR to detect the positive sense replicative strand of Soybean blotchy mosaic virus. Journal of Virological Methods, 2018, 259, 39-44.	2.1	9
27	Vineyard-wide control of grapevine leafroll-associated virus 3 requires an integrated response. Journal of Plant Pathology, 2018, 100, 399-408.	1.2	15
28	A novel subspecies of â€˜Candidatus Liberibacter africanusâ€™ found on native Teclea gerrardii (Family:) Tj ETQq0 0 0 rgBT /Overlock 10	1.7	18
29	Alternative hosts and seed transmissibility of soybean blotchy mosaic virus. European Journal of Plant Pathology, 2017, 151, 263.	1.7	4
30	PCR bias associated with conserved primer binding sites, used to determine genotype diversity within Citrus tristeza virus populations. Journal of Virological Methods, 2016, 237, 107-113.	2.1	7
31	Comparison of multiple viral population characterization methods on a candidate cross-protection Citrus tristeza virus (CTV) source. Journal of Virological Methods, 2016, 237, 92-100.	2.1	7
32	Three novel lineages of â€˜Candidatus Liberibacter africanusâ€™ associated with native rutaceous hosts of Trioza erytreae in South Africa. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 723-731.	1.7	52
33	Characterization of a novel citrus tristeza virus genotype within three cross-protecting source GFMS12 sub-isolates in South Africa by means of Illumina sequencing. Archives of Virology, 2014, 159, 2133-2139.	2.1	19
34	Rapid detection of Grapevine leafroll-associated virus type 3 using a reverse transcription loop-mediated amplification method. Journal of Virological Methods, 2013, 194, 308-316.	2.1	27
35	Genotype composition of populations of grapefruit-cross-protecting citrus tristeza virus strain GFMS12 in different host plants and aphid-transmitted sub-isolates. Archives of Virology, 2013, 158, 27-37.	2.1	32
36	Ecology and management of grapevine leafroll disease. Frontiers in Microbiology, 2013, 4, 94.	3.5	137

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37	Diversity of Dicotyledenous-Infecting Geminiviruses and Their Associated DNA Molecules in Southern Africa, Including the South-West Indian Ocean Islands. Viruses, 2012, 4, 1753-1791.	3.3	52
38	Widespread occurrence of â€œCandidatus liberibacter africanus subspecies capensisâ€•in Calodendrum capense in South Africa. European Journal of Plant Pathology, 2012, 134, 39-47.	1.7	14
39	Distribution of grapevine leafroll associated virus-3 variants in South African vineyards. European Journal of Plant Pathology, 2011, 131, 371-381.	1.7	25
40	Lack of Evidence for Seed Transmission of â€˜Candidatus Liberibacter africanusâ€™ Associated with Greening (Huanglongbing) in Citrus in South Africa. Plant Disease, 2011, 95, 1026-1026.	1.4	5
41	Soybean blotchy mosaic virus, a New Cytorhabdovirus Found in South Africa. Plant Disease, 2010, 94, 1348-1354.	1.4	13
42	A Survey for â€˜Candidatus Liberibacterâ€™ Species in South Africa Confirms the Presence of Only â€˜Ca. L. africanusâ€™ in Commercial Citrus. Plant Disease, 2010, 94, 244-249.	1.4	29
43	Three genetic grapevine leafroll-associated virus 3 variants identified from South African vineyards show high variability in their 5â€²UTR. Archives of Virology, 2010, 155, 1997-2006.	2.1	31
44	Characterisation of a proposed Nucleorhabdovirus new to South Africa. European Journal of Plant Pathology, 2009, 123, 105-110.	1.7	11
45	Characterization of Tomato curly stunt virus: a new tomatoâ€•infecting begomovirus from South Africa. Plant Pathology, 2008, 57, 809-818.	2.4	11
46	A multiplex PCR assay for the simultaneous identification of three mealybug species (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.0	50
47	Transmission of Activated-Episomal Banana streak OL (badna)virus (BSOLV) to cv. Williams Banana (Musa sp.) by Three Mealybug Species. Plant Disease, 2008, 92, 1158-1163.	1.4	36
48	Tomato yellow leaf curl virus Resistant Tomatoes Show Resistance to Tomato curly stunt virus. Plant Disease, 2002, 86, 528-534.	1.4	19
49	Natural Occurrence of Groundnut ringspot virus on Soybean in South Africa. Plant Disease, 2002, 86, 1271-1271.	1.4	12
50	Tomato curly stunt virus, a New Begomovirus of Tomato Within the Tomato yellow leaf curl virus-IS Cluster in South Africa. Plant Disease, 2000, 84, 810-810.	1.4	14
51	Plant Virus Disease Problems in The Developing World. Advances in Virus Research, 1999, 53, 127-175.	2.1	70
52	Characterization of a new potyvirus isolated from peanut (Arachis hypogaea). Plant Pathology, 1998, 47, 348-354.	2.4	2
53	First Report of Cucumber Mosaic Cucumovirus Subgroup 1 in South Africa, from Banana with Infectious Chlorosis. Plant Disease, 1998, 82, 1171-1171.	1.4	4
54	Western Blots Reveal that Grapevine Viruses A and B are Serologically Related. Journal of Phytopathology, 1996, 144, 581-583.	1.0	19

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55	Factors influencing ELISA evaluation of transmission of pea seed-borne mosaic virus in infected pea seed : seed-group size and seed decortication. Agronomy for Sustainable Development, 1987, 7, 225-230.	0.8	24