

# Gerhard Pietersen

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The structure and function of the global citrus rhizosphere microbiome. <i>Nature Communications</i> , 2018, 9, 4894.	12.8	304
2	Ecology and management of grapevine leafroll disease. <i>Frontiers in Microbiology</i> , 2013, 4, 94.	3.5	137
3	Plant Virus Disease Problems in The Developing World. <i>Advances in Virus Research</i> , 1999, 53, 127-175.	2.1	70
4	Diversity of Dicotyledenous-Infecting Geminiviruses and Their Associated DNA Molecules in Southern Africa, Including the South-West Indian Ocean Islands. <i>Viruses</i> , 2012, 4, 1753-1791.	3.3	52
5	Three novel lineages of <i>Candidatus Liberibacter africanus</i> ™ associated with native rutaceous hosts of <i>Trioza erythrae</i> in South Africa. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 723-731.	1.7	52
6	A multiplex PCR assay for the simultaneous identification of three mealybug species (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.0	50
7	Transmission of Activated-Episomal <i>Banana streak OL (badna) virus</i> (BSOLV) to cv. Williams Banana ( <i>Musa</i> sp.) by Three Mealybug Species. <i>Plant Disease</i> , 2008, 92, 1158-1163.	1.4	36
8	Genotype composition of populations of grapefruit-cross-protecting citrus tristeza virus strain GFMS12 in different host plants and aphid-transmitted sub-isolates. <i>Archives of Virology</i> , 2013, 158, 27-37.	2.1	32
9	Three genetic grapevine leafroll-associated virus 3 variants identified from South African vineyards show high variability in their 5'UTR. <i>Archives of Virology</i> , 2010, 155, 1997-2006.	2.1	31
10	A Survey for <i>Candidatus Liberibacter</i> ™ Species in South Africa Confirms the Presence of Only <i>C. L. africanus</i> ™ in Commercial Citrus. <i>Plant Disease</i> , 2010, 94, 244-249.	1.4	29
11	Distribution of <i>Candidatus Liberibacter</i> species in Eastern Africa, and the First Report of <i>Candidatus Liberibacter asiaticus</i> in Kenya. <i>Scientific Reports</i> , 2020, 10, 3919.	3.3	29
12	Rapid detection of Grapevine leafroll-associated virus type 3 using a reverse transcription loop-mediated amplification method. <i>Journal of Virological Methods</i> , 2013, 194, 308-316.	2.1	27
13	Distribution of grapevine leafroll associated virus-3 variants in South African vineyards. <i>European Journal of Plant Pathology</i> , 2011, 131, 371-381.	1.7	25
14	Factors influencing ELISA evaluation of transmission of pea seed-borne mosaic virus in infected pea seed : seed-group size and seed decortication. <i>Agronomy for Sustainable Development</i> , 1987, 7, 225-230.	0.8	24
15	Habitat suitability and distribution potential of <i>Liberibacter</i> species ( <i>Candidatus Liberibacter</i> ) Tj ETQq1 1 0.784314 rgBT /Cv greenling disease. <i>Diversity and Distributions</i> , 2020, 26, 575-588.	4.1	23
16	Western Blots Reveal that Grapevine Viruses A and B are Serologically Related. <i>Journal of Phytopathology</i> , 1996, 144, 581-583.	1.0	19
17	Tomato yellow leaf curl virus Resistant Tomatoes Show Resistance to Tomato curly stunt virus. <i>Plant Disease</i> , 2002, 86, 528-534.	1.4	19
18	Characterization of a novel citrus tristeza virus genotype within three cross-protecting source GFMS12 sub-isolates in South Africa by means of Illumina sequencing. <i>Archives of Virology</i> , 2014, 159, 2133-2139.	2.1	19

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19	Detection of Asian Citrus Psyllid (Hemiptera: Psyllidae) in Ethiopia: A New Haplotype and its Implication to the Proliferation of Huanglongbing. <i>Journal of Economic Entomology</i> , 2020, 113, 1640-1647.	1.8	19
20	A novel subspecies of <i>Candidatus Liberibacter africanus</i> ™ found on native <i>Teclea gerrardii</i> (Family: Tj ETQq0 0 0 rgBT /Overlock 10	1.7	18
21	Vineyard-wide control of grapevine leafroll-associated virus 3 requires an integrated response. <i>Journal of Plant Pathology</i> , 2018, 100, 399-408.	1.2	15
22	Widespread occurrence of <i>Candidatus liberibacter africanus</i> subspecies <i>capensis</i> in <i>Calodendrum capense</i> in South Africa. <i>European Journal of Plant Pathology</i> , 2012, 134, 39-47.	1.7	14
23	Tomato curly stunt virus, a New Begomovirus of Tomato Within the Tomato yellow leaf curl virus-IS Cluster in South Africa. <i>Plant Disease</i> , 2000, 84, 810-810.	1.4	14
24	Soybean blotchy mosaic virus, a New <i>Cytorhabdovirus</i> Found in South Africa. <i>Plant Disease</i> , 2010, 94, 1348-1354.	1.4	13
25	First report of maize yellow mosaic virus (MaYMV) on maize ( <i>Zea mays</i> ) in Tanzania. <i>Journal of Plant Pathology</i> , 2019, 101, 203-203.	1.2	13
26	Draft Genome Sequence of a <i>Candidatus</i> <i>Phytoplasma asteris</i> -Related Strain (Aster Yellow), Tj ETQq0 0 0 rgBT /Overlock 12	0.6	12
27	Natural Occurrence of Groundnut ringspot virus on Soybean in South Africa. <i>Plant Disease</i> , 2002, 86, 1271-1271.	1.4	12
28	Characterization of <i>Tomato curly stunt virus</i> : a new tomato-infecting begomovirus from South Africa. <i>Plant Pathology</i> , 2008, 57, 809-818.	2.4	11
29	Characterisation of a proposed Nucleorhabdovirus new to South Africa. <i>European Journal of Plant Pathology</i> , 2009, 123, 105-110.	1.7	11
30	Genomic characterization of grapevine viruses N and O: novel vitiviruses from South Africa. <i>Archives of Virology</i> , 2022, 167, 611-614.	2.1	11
31	Development of a strand-specific RT-PCR to detect the positive sense replicative strand of Soybean blotchy mosaic virus. <i>Journal of Virological Methods</i> , 2018, 259, 39-44.	2.1	9
32	Microbiome diversity in <i>Diaphorina citri</i> populations from Kenya and Tanzania shows links to China. <i>PLoS ONE</i> , 2020, 15, e0235348.	2.5	9
33	Molecular characterization of Morogoro maize-associated virus, a nucleorhabdovirus detected in maize ( <i>Zea mays</i> ) in Tanzania. <i>Archives of Virology</i> , 2019, 164, 1711-1715.	2.1	8
34	A Review of the <i>Candidatus</i> <i>Liberibacter africanus</i> ™ Citrus Pathosystem in Africa. <i>Phytopathology</i> , 2022, 112, 44-54.	2.2	8
35	PCR bias associated with conserved primer binding sites, used to determine genotype diversity within <i>Citrus tristeza virus</i> populations. <i>Journal of Virological Methods</i> , 2016, 237, 107-113.	2.1	7
36	Comparison of multiple viral population characterization methods on a candidate cross-protection <i>Citrus tristeza virus</i> (CTV) source. <i>Journal of Virological Methods</i> , 2016, 237, 92-100.	2.1	7

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37	Mitochondrial genetic variation reveals phylogeographic structure and cryptic diversity in <i>Trioza erytreae</i> . <i>Scientific Reports</i> , 2020, 10, 8893.	3.3	7
38	Diversity and distribution of Maize-associated totivirus strains from Tanzania. <i>Virus Genes</i> , 2019, 55, 429-432.	1.6	6
39	The management and financial implications of variable responses to grapevine leafroll disease. <i>Journal of Plant Pathology</i> , 2021, 103, 5-15.	1.2	6
40	First Report of Grapevine Virus H in Grapevine in Greece. <i>Plant Disease</i> , 2021, 105, 2738.	1.4	6
41	Detection and diversity of grapevine virus L from a <i>Vitis</i> cultivar collection in Stellenbosch, South Africa. <i>European Journal of Plant Pathology</i> , 2021, 161, 1007-1011.	1.7	5
42	Lack of Evidence for Seed Transmission of <i>Candidatus</i> <i>Liberibacter africanus</i> ™ Associated with Greening (Huanglongbing) in Citrus in South Africa. <i>Plant Disease</i> , 2011, 95, 1026-1026.	1.4	5
43	Alternative hosts and seed transmissibility of soybean blotchy mosaic virus. <i>European Journal of Plant Pathology</i> , 2017, 151, 263.	1.7	4
44	Next generation sequencing reveals past and current widespread occurrence of maize yellow mosaic virus in South Africa. <i>European Journal of Plant Pathology</i> , 2020, 158, 237-249.	1.7	4
45	Complete genome sequence of a grapevine Roditis leaf discoloration-associated virus (GRLDaV) variant from South Africa. <i>Archives of Virology</i> , 2021, 166, 2041-2044.	2.1	4
46	First Report of Cucumber Mosaic Cucumovirus Subgroup 1 in South Africa, from Banana with Infectious Chlorosis. <i>Plant Disease</i> , 1998, 82, 1171-1171.	1.4	4
47	Genome-Informed Design of a LAMP Assay for the Specific Detection of the Strain of <i>Candidatus</i> <i>Phytoplasma asteris</i> ™ <i>Phytoplasma</i> Occurring in Grapevines in South Africa. <i>Plant Disease</i> , 2022, 106, 2927-2939.	1.4	4
48	Diversity of partial RNA-dependent RNA polymerase gene sequences of soybean blotchy mosaic virus isolates from different host-, geographical- and temporal origins. <i>Archives of Virology</i> , 2018, 163, 1299-1305.	2.1	3
49	Characterization and detection of maize-associated pteridovirus (MaPV), infecting maize ( <i>Zea mays</i> ) in the Arusha region of Tanzania. <i>European Journal of Plant Pathology</i> , 2019, 154, 1165-1170.	1.7	3
50	First report of grapevine virus L in grapevine in Turkey. <i>Journal of Plant Pathology</i> , 2021, 103, 343-343.	1.2	3
51	Characterization of a new potyvirus isolated from peanut ( <i>Arachis hypogaea</i> ). <i>Plant Pathology</i> , 1998, 47, 348-354.	2.4	2
52	Analysis of Genotype Composition of Citrus tristeza virus Populations Using Illumina Miseq Technology. <i>Methods in Molecular Biology</i> , 2019, 2015, 179-194.	0.9	2
53	Genetic diversity of <i>Candidatus</i> <i>Liberibacter africanus</i> ™ in South Africa based on microsatellite markers. <i>European Journal of Plant Pathology</i> , 2021, 159, 259-268.	1.7	1
54	Survey for viruses affecting maize along the major grain transport route between Gauteng and KwaZulu-Natal in South Africa. <i>European Journal of Plant Pathology</i> , 2021, 160, 623-635.	1.7	1

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55	Novel viruses associated with plants of the family Amaryllidaceae in South Africa. Archives of Virology, 2021, 166, 2817-2823.	2.1	1