Andre Drenth

List of Publications by Year
in descending order

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117 papers	5,595 citations	101384 36 h-index	85405 71 g-index
118 all docs	118 docs citations	118 times ranked	3323 citing authors

#	Article	IF	Citations
1	A Molecular Phylogeny of Phytophthora and Related Oomycetes. Fungal Genetics and Biology, 2000, 30, 17-32.	0.9	959
2	Historical and Recent Migrations ofPhytophthora infestans: Chronology, Pathways, and Implications. Plant Disease, 1993, 77, 653.	0.7	319
3	Cloning and genetic analyses of two highly polymorphic, moderately repetitive nuclear DNAs from Phytophthora infestans. Current Genetics, 1992, 22, 107-115.	0.8	266
4	Population Genetics and Intercontinental Migrations of Phytophthora Infestans. Annual Review of Phytopathology, 1992, 30, 107-130.	3.5	217
5	A second world-wide migration and population displacement of Phytophthora infestans?. Plant Pathology, 1991, 40, 422-430.	1.2	175
6	DNA fingerprinting uncovers a new sexually reproducing population ofPhytophthora infestans in the Netherlands. European Journal of Plant Pathology, 1994, 100, 97-107.	0.8	174
7	Worse Comes to Worst: Bananas and Panama Diseaseâ€"When Plant and Pathogen Clones Meet. PLoS Pathogens, 2015, 11, e1005197.	2.1	167
8	Formation and survival of oospores of Phytophthora infestans under natural conditions. Plant Pathology, 1995, 44, 86-94.	1.2	147
9	AFLP Linkage Map of the OomycetePhytophthora infestans. Fungal Genetics and Biology, 1997, 21, 278-291.	0.9	147
10	Evolutionary relationships among Phytophthora species deduced from rDNA sequence analysis. Mycological Research, 1996, 100, 437-443.	2.5	104
11	Evidence for outcrossing in Phytophthora sojae and linkage of a DNA marker to two avirulence genes. Current Genetics, 1994, 27, 77-82.	0.8	98
12	Different Domains of Phytophthora sojae Effector Avr4/6 Are Recognized by Soybean Resistance Genes Rps4 and Rps6. Molecular Plant-Microbe Interactions, 2010, 23, 425-435.	1.4	97
13	New Geographical Insights of the Latest Expansion of Fusarium oxysporum f.sp. cubense Tropical Race 4 Into the Greater Mekong Subregion. Frontiers in Plant Science, 2018, 9, 457.	1.7	96
14	A Global Marker Database for Phytophthora infestans. Plant Disease, 1998, 82, 811-818.	0.7	93
15	Genotypic Diversity ofPhytophthora infestansin The Netherlands Revealed by DNA Polymorphisms. Phytopathology, 1993, 83, 1087.	1.1	87
16	Origin of the A2 Mating Type of Phytophthora infestans Outside Mexico. Phytopathology, 1997, 87, 992-999.	1.1	82
17	Phytophthora sojaeAvirulence Genes, RAPD, and RFLP Markers Used to Construct a Detailed Genetic Linkage Map. Molecular Plant-Microbe Interactions, 1995, 8, 988.	1.4	82
18	Population Genetic Structure ofPhytophthora infestansin the Netherlands. Phytopathology, 1991, 81, 1330.	1.1	76

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19	Changes in the Racial Composition of Phytophthora sojae in Australia Between 1979 and 1996. Plant Disease, 1998, 82, 1048-1054.	0.7	70
20	Bud Rot Caused by Phytophthora palmivora: A Destructive Emerging Disease of Oil Palm. Phytopathology, 2016, 106, 320-329.	1.1	70
21	Pythium insidiosum keratitis confirmed by DNA sequence analysis. British Journal of Ophthalmology, 2001, 85, 496g-496.	2.1	67
22	Development of a DNA-based method for detection and identification ofPhytophthoraspecies. Australasian Plant Pathology, 2006, 35, 147.	0.5	67
23	Fungal and Oomycete Diseases of Tropical Tree Fruit Crops. Annual Review of Phytopathology, 2016, 54, 373-395.	3.5	64
24	Inheritance and mapping of 11 avirulence genes in Phytophthora sojae. Fungal Genetics and Biology, 2002, 37, 1-12.	0.9	60
25	Ubiquity of ToxA and absence of ToxB in Australian populations ofPyrenophora tritici-repentis. Australasian Plant Pathology, 2010, 39, 63.	0.5	59
26	Multiple Alternaria species groups are associated with leaf blotch and fruit spot diseases of apple in Australia. Plant Pathology, 2013, 62, 289-297.	1.2	59
27	The occurrence of the A2 mating type of Phytophthora infestans in the Netherlands; significance and consequences. European Journal of Plant Pathology, 1993, 99, 57-67.	0.5	56
28	Fungal clones win the battle, but recombination wins the war. IMA Fungus, 2019, 10, 18.	1.7	53
29	Title is missing!. European Journal of Plant Pathology, 1999, 105, 667-680.	0.8	52
30	Phyllosticta species associated with freckle disease of banana. Fungal Diversity, 2012, 56, 173-187.	4.7	52
31	Molecular characterization and pathogenicity of Pythium species associated with damping-off in greenhouse cucumber (Cucumis sativus) in Oman. Plant Pathology, 2007, 56, 140.	1.2	50
32	Population Structure of Phytophthora cinnamomi in South Africa. Phytopathology, 1997, 87, 822-827.	1.1	48
33	The Evolution of Races ofPhytophthora sojaein Australia. Phytopathology, 1996, 86, 163.	1.1	47
34	Molecular Diagnostics of Banana Fusarium Wilt Targeting Secreted-in-Xylem Genes. Frontiers in Plant Science, 2019, 10, 547.	1.7	45
35	Phytophthora in Australia. Australian Journal of Agricultural Research, 1995, 46, 1311.	1.5	42
36	Potential Economic Impact of Panama Disease (Tropical Race 4) on the Australian Banana Industry. Journal of Plant Diseases and Protection, 2015, 122, 229-237.	1.6	39

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37	Genome diversity in wild grasses under environmental stress. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 21140-21145.	3.3	38
38	Dry Flower Disease of Macadamia in Australia Caused by Neopestalotiopsis macadamiae sp. nov. and Pestalotiopsis macadamiae sp. nov.. Plant Disease, 2017, 101, 45-53.	0.7	38
39	Fungal Genomics Challenges the Dogma of Name-Based Biosecurity. PLoS Pathogens, 2016, 12, e1005475.	2.1	36
40	The Vulnerability of Bananas to Globally Emerging Disease Threats. Phytopathology, 2021, 111, 2146-2161.	1.1	36
41	Pathogens associated with nursery plants imported into Western Australia. Australasian Plant Pathology, 2006, 35, 473.	0.5	35
42	Quambalaria species associated with plantation and native eucalypts in Australia. Plant Pathology, 2008, 57, 702-714.	1.2	35
43	Sexual Reproduction in the Citrus Black Spot Pathogen, Phyllosticta citricarpa. Phytopathology, 2017, 107, 732-739.	1.1	33
44	Development of a Multiplexed Bead-Based Suspension Array for the Detection and Discrimination of Pospiviroid Plant Pathogens. PLoS ONE, 2014, 9, e84743.	1.1	32
45	An outbreak of Potato spindle tuber viroid in tomato is linked to imported seed. European Journal of Plant Pathology, 2014, 139, 1-7.	0.8	31
46	Potential sources of Pythium inoculum into Greenhouse Soils with no Previous History of Cultivation. Journal of Phytopathology, 2008, 156, 502-505.	0.5	29
47	Variable resistance to Quambalaria pitereka in spotted gum reveal opportunities for disease screening. Australasian Plant Pathology, 2011, 40, 76-86.	0.5	29
48	Phosphite and metalaxyl rejuvenate macadamia trees in decline caused by Phytophthora cinnamomi. Crop Protection, 2013, 53, 29-36.	1.0	27
49	AFLP analysis reveals a clonal population of Phytophthora pinifolia in Chile. Fungal Biology, 2010, 114, 746-752.	1.1	26
50	Pathogenic variation of Alternaria species associated with leaf blotch and fruit spot of apple in Australia. European Journal of Plant Pathology, 2014, 139, 789-799.	0.8	25
51	Evaluation of Tobacco Cultivars for Resistance to Races of Phytophthora nicotianae in South Africa. Journal of Phytopathology, 2002, 150, 456-462.	0.5	24
52	Infection and disease development of Quambalaria spp. on Corymbia and Eucalyptus species. Plant Pathology, 2009, 58, 642-654.	1.2	24
53	Histopathological studies of the process of Phytophthora palmivora infection in oil palm. European Journal of Plant Pathology, 2016, 145, 39-51.	0.8	24
54	Predicting the Benefits of Banana Bunchy Top Virus Exclusion from Commercial Plantations in Australia. PLoS ONE, 2012, 7, e42391.	1.1	23

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55	Phytophthora sojae avirulence genes Avr4 and Avr6 are located in a 24kb, recombination-rich region of genomic DNA. Fungal Genetics and Biology, 2004, 41, 62-74.	0.9	22
56	Timing of Infection and Development of Alternaria Diseases in the Canopy of Apple Trees. Plant Disease, 2014, 98, 401-408.	0.7	22
57	Timing of Fungicide Applications for Control of Husk Spot Caused by Pseudocercospora macadamiae in Macadamia. Plant Disease, 2007, 91, 1675-1681.	0.7	20
58	Genetic Diversity, Aggressiveness and Metalaxyl Sensitivity of Pythium spinosum Infecting Cucumber in Oman. Journal of Phytopathology, 2008, 156, 29-35.	0.5	20
59	Infection, colonisation and sporulation byPseudocercospora macadamiaeon macadamia fruit. Australasian Plant Pathology, 2009, 38, 36.	0.5	20
60	Phosphonate applied as a pre-plant dip controls Phytophthora cinnamomi root and heart rot in susceptible pineapple hybrids. Australasian Plant Pathology, 2012, 41, 59-68.	0.5	20
61	A bead-based suspension array for the multiplexed detection of begomoviruses and their whitefly vectors. Journal of Virological Methods, 2014, 198, 86-94.	1.0	20
62	Interspecific hybrids between the homothallic Phytophthora sojae and Phytophthora vignae. Australasian Plant Pathology, 2003, 32, 353.	0.5	18
63	Quambalariaspecies: increasing threat to eucalypt plantations in Australia. Southern Forests, 2009, 71, 111-114.	0.2	17
64	Variability in aggressiveness of Quambalaria pitereka isolates. Plant Pathology, 2011, 60, 1107-1117.	1.2	17
65	Sources and seasonal dynamics of Alternaria inoculum associated with leaf blotch and fruit spot of apples. Crop Protection, 2014, 59, 35-42.	1.0	17
66	Sexual recombination inPhytophthora cinnamomi in vitroand aggressiveness of single-oospore progeny toEucalyptus. Plant Pathology, 2001, 50, 97-102.	1.2	16
67	Association of a second phase of mortality in cucumber seedlings with a rapid rate of metalaxyl biodegradation in greenhouse soils. Crop Protection, 2008, 27, 1110-1117.	1.0	16
68	Characterisation of husk rot in macadamia. Annals of Applied Biology, 2017, 170, 104-115.	1.3	16
69	Prevalence of Phytophthora species in macadamia orchards in Australia and their ability to cause stem canker. Plant Pathology, 2020, 69, 1270-1280.	1.2	16
70	Alternative fungicides for controlling husk spot caused byPseudocercospora macadamiaein macadamia. Australasian Plant Pathology, 2008, 37, 141.	0.5	15
71	TheEucalyptuscanker pathogenChrysoporthe cubensisdiscovered in eastern Australia. Australasian Plant Pathology, 2010, 39, 343.	0.5	15
72	Occurrence and pathogenicity of Neofusicoccum parvum and N. mangiferae on ornamental Tibouchina species. Forest Pathology, 2011, 41, 48-51.	0.5	15

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73	First Report of Pythium splendens Associated with Severe Wilt of Muskmelon (Cucumis) Tj ETQq1 1 0.784314 rgBT /Overlo	0.7	15
74	Effect of Metalaxyl Resistance and Cultivar Resistance on Control of Phytophthora nicotianae in Tobacco. Plant Disease, 2002, 86, 362-366.	0.7	14
75	DNA-based method for rapid identification of the pine pathogen,Phytophthora pinifolia. FEMS Microbiology Letters, 2009, 298, 99-104.	0.7	14
76	Identification and differentiation of Phyllosticta species causing freckle disease of banana using high resolution melting (<scp>HRM</scp>) analysis. Plant Pathology, 2013, 62, 1285-1293.	1.2	14
77	Timing of infection of macadamia fruit byPseudocercospora macadamiaeand climatic effects on growth and spore germination. Australasian Plant Pathology, 2010, 39, 453.	0.5	13
78	Phyllosticta spp. on cultivated Citrus in Australia. Australasian Plant Pathology, 2013, 42, 461-467.	0.5	13
79	Jackfruit decline caused by Phytophthora palmivora (Butler). Australasian Plant Pathology, 2014, 43, 123-129.	0.5	13
80	Title is missing!. European Journal of Plant Pathology, 2001, 107, 305-311.	0.8	12
81	Fungal epidemics â€“ does spatial structure matter?. New Phytologist, 2004, 163, 4-7.	3.5	12
82	Genetic diversity, aggressiveness and metalaxyl sensitivity of Pythium aphanidermatum populations infecting cucumber in Oman. Plant Pathology, 2007, 57, 070918211612004-???.	1.2	12
83	Pathogenicity of Phyllosticta citricarpa Ascospores on Citrus spp.. Plant Disease, 2018, 102, 1386-1393.	0.7	12
84	Panel of realâ€time <scp>PCR</scp>s for the multiplexed detection of two tomatoâ€infecting begomoviruses and their cognate whitefly vector species. Plant Pathology, 2013, 62, 1132-1146.	1.2	11
85	Phyllosticta capitalensis and P. paracapitalensis are endophytic fungi that show potential to inhibit pathogenic P. citricarpa on citrus. Australasian Plant Pathology, 2019, 48, 281-296.	0.5	11
86	Spatial pattern and the effects of climatic factors on husk spot disease in macadamia. Australasian Plant Pathology, 2010, 39, 125.	0.5	10
87	Spread and development of quambalaria shoot blight in spotted gum plantations. Plant Pathology, 2011, 60, 1096-1106.	1.2	10
88	Novel Pathotypes of ElsinoÃ« australis Associated with Citrus australasica and Simmondsia chinensis in Australia. Tropical Plant Pathology, 2015, 40, 26-34.	0.8	10
89	Variation in susceptibility among macadamia genotypes and species to Phytophthora root decay caused by Phytophthora cinnamomi. Crop Protection, 2016, 87, 37-43.	1.0	10
90	Phytophthora palmivora in tropical tree crops.. , 2013, , 187-196.		10

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91	Pericarps retained in the tree canopy and stomatal abundance are components of resistance to husk spot caused by Pseudocercospora macadamiae in macadamia. Euphytica, 2012, 185, 313-323.	0.6	9
92	Source of Pseudocercospora macadamiae inoculum in macadamia trees and its use for characterising husk spot susceptibility in the field. Crop Protection, 2010, 29, 1347-1353.	1.0	8
93	Predicted economic impact of black Sigatoka on the Australian banana industry. Crop Protection, 2013, 51, 48-56.	1.0	8
94	Sexual reproduction in populations of Austropuccinia psidii. European Journal of Plant Pathology, 2020, 156, 537-545.	0.8	8
95	First report ofTubercularia lateritiaas the causal agent of canker on macadamia. Australasian Plant Disease Notes, 2006, 1, 49.	0.4	7
96	Identification and occurrence of the LTR-Copia-like retrotransposon, PSCR and other Copia-like elements in the genome of Phytophthora sojae. Current Genetics, 2009, 55, 521-536.	0.8	7
97	Economic returns from fungicide application to control husk spot of macadamia in Australia is influenced by spray efficiency, rates and costs of application. Crop Protection, 2012, 41, 35-41.	1.0	7
98	Mode of Infection of Phyllosticta maculata on Banana as Revealed by Scanning Electron Microscopy. Journal of Phytopathology, 2013, 161, 135-141.	0.5	7
99	Characterization of accessions and species of Macadamia to stem infection by Phytophthora cinnamomi. Plant Pathology, 2017, 66, 186-193.	1.2	7
100	Evolutionary relationships among Phytophthora species deduced from rDNA sequence analysis. Mycological Research, 1996, 100, 1218.	2.5	5
101	A Rapid Seedling Based Screening Technique to Assay Tobacco for Resistance to Phytophthora nicotianae. Journal of Phytopathology, 2003, 151, 389-394.	0.5	5
102	Comparative fitness of Alternaria species causing leaf blotch and fruit spot of apple in Australia. Australasian Plant Pathology, 2014, 43, 495-501.	0.5	5
103	Field evaluation of six Gros Michel banana accessions (Musa spp., AAA group) for agronomic performance, resistance to Fusarium wilt race 1 and yellow Sigatoka. Crop Protection, 2018, 113, 84-89.	1.0	5
104	Identification of Resistance to Citrus Black Spot Using a Novel In-field Inoculation Assay. Hortscience: A Publication of the American Society for Hortcultural Science, 2019, 54, 1673-1681.	0.5	5
105	Field evaluation of tolerance toTobacco streak virusin sunflower germplasm, and observations of seasonal disease spread. Annals of Applied Biology, 2016, 168, 390-399.	1.3	4
106	Soil health management is a precursor to sustainable control ofPhytophthorain macadamia. Acta Horticulturae, 2016, , 203-208.	0.1	4
107	Fruit abscission in macadamia due to husk spot disease. Acta Horticulturae, 2016, , 209-214.	0.1	4
108	Draft Genome Sequence of Ralstonia syzygii subsp. celebesensis from Indonesia, the Causal Agent of Blood Disease of Banana. Phytopathology, 2022, , PHYTO10210443A.	1.1	4

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109	Potential gains through selecting for resistance in spotted gum to Quambalaria pitereka. Australasian Plant Pathology, 2011, 40, 197-206.	0.5	3
110	A dynamic, web-based resource to identify rust fungi (Pucciniales) in southern Africa. MycoKeys, 0, 26, 77-83.	0.8	3
111	DISEASE NOTES OR NEW RECORDS: First record of Phytophthora capsici from Queensland. Australasian Plant Pathology, 1999, 28, 93.	0.5	2
112	Sustainable control of husk spot of macadamia by cultural practices. Acta Horticulturae, 2016, , 231-236.	0.1	2
113	Transcriptomic data of the Musa balbisiana cultivar Kepok inoculated with Ralstonia syzigii subsp. celebesensis and Ralstonia solanacearum. Data in Brief, 2020, 29, 105366.	0.5	2
114	Susceptibility of the banana inflorescence to Blood disease. Phytopathology, 2021, , .	1.1	2
115	First report of Phyllosticta spp. associated with banana freckle disease in southern Lao PDR. Australasian Plant Disease Notes, 2021, 16, 1.	0.4	1
116	Epidemic spread of smut fungi (Quambalaria) by sexual reproduction in a native pathosystem. European Journal of Plant Pathology, 2022, 163, 341-349.	0.8	1
117	Couch smut, an economically important disease of Cynodon dactylon in Australia. Australasian Plant Pathology, 2020, 49, 87-94.	0.5	0