Brett A Summerell

List of Publications by Year in descending order

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118 papers 5,575 citations

76326 40 h-index 70 g-index

120 all docs

120 docs citations

120 times ranked

4480 citing authors

#	Article	IF	CITATIONS
1	Introducing the Consolidated Species Concept to resolve species in the & lt;l>Teratosphaeriaceae. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2014, 33, 1-40.	4.4	262
2	A Utilitarian Approach to Fusarium Identification. Plant Disease, 2003, 87, 117-128.	1.4	252
3	One stop shop: backbones trees for important phytopathogenic genera: I (2014). Fungal Diversity, 2014, 67, 21-125.	12.3	241
4	Species and ecological diversity within the Cladosporium cladosporioides complex (Davidiellaceae,) Tj ETQq0 0 C) rgBT /Ove	erlock 10 Tf 50 235
5	One Fungus, One Name: Defining the Genus <i>Fusarium</i> in a Scientifically Robust Way That Preserves Longstanding Use. Phytopathology, 2013, 103, 400-408.	2.2	219
6	Biogeography and phylogeography of Fusarium: a review. Fungal Diversity, 2010, 44, 3-13.	12.3	170
7	Fungal Planet description sheets: 107–127. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2012, 28, 138-182.	4.4	163
8	Resolving <i>Fusarium</i> : Current Status of the Genus. Annual Review of Phytopathology, 2019, 57, 323-339.	7.8	154
9	Unravelling <l>Mycosphaerella</l> : do you believe in genera?. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2009, 23, 99-118.	4.4	152
10	Fungal Planet description sheets: 625–715. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2017, 39, 270-467.	4.4	148
11	Fungal Planet description sheets: 281–319. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2014, 33, 212-289.	4.4	143
12	Pestalotiopsis guepinii, a Taxol-producing Endophyte of the Wollemi Pine, Wollemia nobilis. Australian Journal of Botany, 1997, 45, 1073.	0.6	131
13	<l>Myrtaceae</l> , a cache of fungal biodiversity. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2009, 23, 55-85.	4.4	128
14	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic <i>Fusarium</i> Includes the <i>Fusarium solani</i> Species Complex. Phytopathology, 2021, 111, 1064-1079.	2.2	107
15	Fungal pathogens of <i>Proteaceae</i> . Persoonia: Molecular Phylogeny and Evolution of Fungi, 2011, 27, 20-45.	4.4	98
16	Phylogeny and taxonomy of obscure genera of microfungi. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2009, 22, 139-161.	4.4	95
17	The Name Fusarium Moniliforme Should no Longer be Used. Mycological Research, 2003, 107, 643-644.	2.5	94
18	Fifty years of Fusarium: how could nine species have ever been enough?. Fungal Diversity, 2011, 50, 135-144.	12.3	94

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19	<i>Gibberella konza</i> (i>Fusarium konzum) sp. nov. from prairie grasses, a new species in the <i>Gibberella fujikuroi</i> species complex. Mycologia, 2003, 95, 943-954.	1.9	93
20	Decomposition and chemical composition of cereal straw. Soil Biology and Biochemistry, 1989, 21, 551-559.	8.8	89
21	Genealogical concordance phylogenetic species recognition in the Fusarium oxysporum species complex. Fungal Biology, 2014, 118, 374-384.	2.5	88
22	Fusarium laboratory workshopsâ€"A recent history. Mycotoxin Research, 2006, 22, 73-74.	2.3	86
23	Fungal Planet description sheets: 128–153. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2012, 29, 146-201.	4.4	80
24	Fungal Planet description sheets: 92–106. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2011, 27, 130-162.	4.4	79
25	Systematic Numbering of Vegetative Compatibility Groups in the Plant Pathogenic Fungus Fusarium oxysporum. Phytopathology, 1998, 88, 30-32.	2.2	76
26	Fusarium species associated with plants in Australia. Fungal Diversity, 2011, 46, 1-27.	12.3	71
27	Co-occurring species of <i>Teratosphaeria</i> on <i>Eucalyptus</i> . Persoonia: Molecular Phylogeny and Evolution of Fungi, 2009, 22, 38-48.	4.4	68
28	A case for re-inventory of Australia's plant pathogens. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2010, 25, 50-60.	4.4	63
29	Host specificity and speciation of <l>Mycosphaerella</l> and <l>Teratosphaeria</l> species associated with leaf spots of Proteaceae. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2008, 20, 59-86.	4.4	61
30	No to <i>Neocosmospora</i> : Phylogenomic and Practical Reasons for Continued Inclusion of the Fusarium solani Species Complex in the Genus <i>Fusarium</i> . MSphere, 2020, 5, .	2.9	61
31	Icebergs and species in populations of Fusarium. Physiological and Molecular Plant Pathology, 2001, 59, 107-117.	2.5	58
32	Mycogeography of Fusarium: survey of Fusarium species in subtropical and semi-arid grassland soils from Queensland, Australia. Mycological Research, 1992, 96, 780-784.	2.5	56
33	Novel species of <i>Mycosphaerellaceae</i> and <i>Teratosphaeriaceae</i> . Persoonia: Molecular Phylogeny and Evolution of Fungi, 2009, 23, 119-146.	4.4	56
34	<i>Fusarium oxysporum</i> f. sp. <i>canariensis</i> : evidence for horizontal gene transfer of putative pathogenicity genes. Plant Pathology, 2015, 64, 1068-1075.	2.4	56
35	Interfertility of Two Mating Populations in the Gibberella Fujikuroi Species Complex. European Journal of Plant Pathology, 2004, 110, 611-618.	1.7	47
36	Stubble Management Practices and the Survival of Fusarium Graminearum Group 1 in Wheat Stubble Residues Australasian Plant Pathology, 1988, 17, 88.	1.0	44

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37	Re-evaluation of Cryptosporiopsis eucalypti and Cryptosporiopsis-like species occurring on Eucalyptus leaves. Fungal Diversity, 2010, 44, 89-105.	12.3	44
38	High levels of diversity in Fusarium oxysporum from non-cultivated ecosystemsÂin Australia. Fungal Biology, 2012, 116, 289-297.	2. 5	44
39	Six novel species of Fusarium from natural ecosystems in Australia. Fungal Diversity, 2016, 77, 349-366.	12.3	43
40	Gibberella konza (Fusarium konzum) sp. nov. from Prairie Grasses, a New Species in the Gibberella fujikuroi Species Complex. Mycologia, 2003, 95, 943.	1.9	42
41	Fusarium: two endophytic novel species from tropical grasses of northern Australia. Fungal Diversity, 2010, 44, 149-159.	12.3	42
42	Fusariumcrown and root rot pathogens associated with wheat and grass stem bases on the South Island of New Zealand. Australasian Plant Pathology, 2006, 35, 495.	1.0	41
43	Fusarium burgessii sp. nov. representing a novel lineage in the genus Fusarium. Fungal Diversity, 2011, 49, 101-112.	12.3	39
44	A re-appraisal of <i>Harknessia</i> (<i>Diaporthales</i>), and the introduction of <i>Harknessiaceae</i> fam. nov Persoonia: Molecular Phylogeny and Evolution of Fungi, 2012, 28, 49-65.	4.4	39
45	The impact of stubble management on the incidence of crown rot of wheat. Australian Journal of Experimental Agriculture, 1989, 29, 91.	1.0	36
46	Phosphateâ€solubilizing bacteria associated with proteoid roots of seedlings of waratah [Telopea speciosissima (Sm.) R.Br.]. New Phytologist, 1994, 128, 487-496.	7.3	36
47	Additions to the Mycosphaerella complex. IMA Fungus, 2011, 2, 49-64.	3.8	35
48	Putative effector genes detected in <i>Fusarium oxysporum</i> from natural ecosystems of Australia. Plant Pathology, 2016, 65, 914-929.	2.4	35
49	Natural occurrence of perithecia of Gibberella coronicola on wheat plants with crown rot in Australia. Australasian Plant Pathology, 2001, 30, 353.	1.0	34
50	Long-term effects of stubble management on the incidence of infection of wheat by Fusarium graminearum Schw. Group 1. Australian Journal of Experimental Agriculture, 1993, 33, 451.	1.0	34
51	Local origin of two vegetative compatibility groups of <i>Fusarium oxysporum </i> f. sp. <i>vasinfectum </i> fi>in Australia. Evolutionary Applications, 2010, 3, 505-524.	3.1	32
52	<i>Fusarium agapanthi</i> sp. nov., a novel bikaverin and fusarubin-producing leaf and stem spot pathogen of <i>Agapanthus praecox</i> (African lily) from Australia and Italy. Mycologia, 2016, 108, 981-992.	1.9	31
53	Preliminary studies onBotryosphaeriaspecies from Southern Hemisphere conifers in Australasia and South Africa. Australasian Plant Pathology, 2005, 34, 213.	1.0	30
54	Structure of mycorrhizae of the Wollemi pine (Wollemia noblis) and related Araucariaceae. Australian Journal of Botany, 1999, 47, 85.	0.6	28

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55	Genera of diaporthalean coelomycetes associated with leaf spots of tree hosts. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2012, 28, 66-75.	4.4	28
56	Mycogeography of Fusarium: survey of Fusarium species associated with forest and woodland communities in north Queensland, Australia. Mycological Research, 1993, 97, 1015-1019.	2.5	27
57	Description of Gibberella sacchari and neotypification of its anamorph Fusarium sacchari. Mycologia, 2005, 97, 718-724.	1.9	27
58	A conservation genomics workflow to guide practical management actions. Global Ecology and Conservation, 2021, 26, e01492.	2.1	27
59	Stubble Management and the Site of Penetration of Wheat by <i>Fusarium graminearum</i> Group 1. Phytopathology, 1990, 80, 877.	2.2	27
60	Phylogenetic relationship between Australian Fusarium oxysporum isolates and resolving the species complex using the multispecies coalescent model. BMC Genomics, 2020, 21, 248.	2.8	25
61	Gibberella konza (Fusarium konzum) sp. nov. from prairie grasses, a new species in the Gibberella fujikuroi species complex. Mycologia, 2003, 95, 943-54.	1.9	24
62	Saprophytic colonization of wheat and barley by Pyrenophora tritici-repentis in the field. Transactions of the British Mycological Society, 1988, 90, 551-556.	0.6	23
63	Factors influencing survival of Pyrenophora tritici-repentis: Stubble management. Mycological Research, 1989, 93, 38-40.	2.5	23
64	Factors influencing production of pseudothecia by Pyrenophora tritici-repentis. Transactions of the British Mycological Society, 1988, 90, 557-562.	0.6	22
65	Fusarium species associated with asparagus crowns and soil in Australia and New Zealand. Australasian Plant Pathology, 1997, 26, 255.	1.0	22
66	Genetic Structure of <i>Fusarium pseudograminearum</i> Populations from the Australian Grain Belt. Phytopathology, 2008, 98, 250-255.	2.2	21
67	Association of Fusarium species with root rot of Cymbidium orchids. Australasian Plant Pathology, 1996, 25, 226.	1.0	20
68	Crop pathogens and otherFusariumspecies associated withAustrostipa aristiglumis. Australasian Plant Pathology, 2007, 36, 434.	1.0	20
69	Sexual compatibility in Fusarium pseudograminearum (Gibberella coronicola). Mycological Research, 2008, 112, 1101-1106.	2.5	20
70	Fusariumspecies associated with stalk rot of grain sorghum in the northern grain belt of eastern Australia. Australasian Plant Pathology, 2009, 38, 373.	1.0	20
71	Fungi occurring on Proteaceae in Australia: selected foliicolous species. Australasian Plant Pathology, 2000, 29, 267.	1.0	19
72	Pathogens of the Wollemi pine, Wollemia nobilis. Australasian Plant Pathology, 2000, 29, 211.	1.0	18

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73	Spatial aggregation in <i>Fusarium pseudograminearum</i> populations from the Australian grain belt. Plant Pathology, 2009, 58, 23-32.	2.4	18
74	Variation in Type A Trichothecene Production and Trichothecene Biosynthetic Genes in Fusarium goolgardi from Natural Ecosystems of Australia. Toxins, 2015, 7, 4577-4594.	3.4	17
7 5	Taxonomy of Fusarium: characterization of Fusarium avenaceum subsp. aywerte and Fusarium avenaceum subsp. nurragi. Mycological Research, 1995, 99, 287-290.	2.5	16
76	Characterization of Fusarium babinda sp. nov Mycological Research, 1995, 99, 1345-1348.	2.5	16
77	Mycelium ofAlternaria alternataas a potential biological control agent forEupatorium adenophorum. Biocontrol Science and Technology, 2006, 16, 653-668.	1.3	15
78	First record of Peronophythora litchii on litchi fruit in Vietnam. Australasian Plant Pathology, 2001, 30, 287.	1.0	14
79	Title is missing!. Australasian Plant Pathology, 2001, 30, 153.	1.0	13
80	Molecular detection and differentiation of Australian Armillaria species. Australasian Plant Pathology, 2002, 31, 75.	1.0	13
81	Description of <i>Gibberella sacchari</i> and neotypification of its anamorph <i>Fusarium sacchari</i> Mycologia, 2005, 97, 718-724.	1.9	13
82	An emended description of Fusarium brevicatenulatum and F. pseudoanthophilum based on isolates recovered from millet in Kenya. Fungal Diversity, 2010, 43, 11-25.	12.3	13
83	Pathogenic, Morphological, and Phylogenetic Characterization of <i>Fusarium solani</i> f. sp. <i>cucurbitae</i> Isolates From Cucurbits in AlmerÃa Province, Spain. Plant Disease, 2020, 104, 1465-1476.	1.4	13
84	Cryptic diversity found in Didymellaceae from Australian native legumes. MycoKeys, 2021, 78, 1-20.	1.9	13
85	Phytophthora cinnamomi causing disease in subalpine vegetation in New South Wales. Australasian Plant Pathology, 2003, 32, 113.	1.0	12
86	Biology and pathology of a species of Phaeoramularia causing a leaf spot of crofton weed. Australasian Plant Pathology, 1997, 26, 165.	1.0	11
87	Nostoc, Microcoleus and Leptolyngbya inoculums are detrimental to the growth of wheat (Triticum) Tj ETQq $1\ 1$	0.784314	· rgBT /Overlo
88	Review of Fusarium species isolated in association with mango malformation in Australia. Australasian Plant Pathology, 2016, 45, 547-559.	1.0	11
89	Differentiation of Fusarium oxysporum isolates from Phoenix canariensis (Canary Island Date Palm) by vegetative compatibility grouping and molecular analysis. Australasian Plant Pathology, 2002, 31, 351.	1.0	10
90	Vascular wilt of basil in Australia. Australasian Plant Pathology, 2006, 35, 65.	1.0	10

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91	Factors influencing survival of Pyrenophora tritici-repentis: Water potential and temperature. Mycological Research, 1989, 93, 41-45.	2.5	9
92	Genetic structure of populations of Fusarium proliferatum in soils associated with Livistona mariae palms in Little Palm Creek, Northern Territory, Australia. Australian Journal of Botany, 2004, 52, 543.	0.6	9
93	IsFusarium torulosumthe causal agent of kikuyu poisoning in Australia?. Australasian Plant Disease Notes, 2007, 2, 133.	0.7	9
94	Identification of Fusarium solani f.sp. phalaenopsis in Australia. Australasian Plant Disease Notes, 2016, 11, 1.	0.7	9
95	Characterisation of members of the Fusarium incarnatum-equiseti species complex from undisturbed soils in South Africa. Antonie Van Leeuwenhoek, 2018, 111, 1999-2008.	1.7	9
96	Some Morphological and Physiological Characters of Fusarium Species in Sections Liseola and Elegans and Similar Species. Mycologia, 1990, 82, 99.	1.9	8
97	An Evaluation of Several Media for Use in Identification of Some Fusarium Species Australasian Plant Pathology, 1991, 20, 86.	1.0	8
98	In search of new Fusarium species. Plant Breeding and Seed Science, 2011, 63, 94-101.	0.1	8
99	Fusarium species associated with cob rot of sweet corn and maize in New South Wales. Australasian Plant Disease Notes, 2014, 9, 1.	0.7	7
100	Fusarium mirum sp. nov, intertwining Fusarium madaense and Fusarium andiyazi, pathogens of tropical grasses. Fungal Biology, 2022, 126, 250-266.	2.5	7
101	Crown and Stem Canker of Waratah Caused by Cylindrocarpon Destructans Australasian Plant Pathology, 1990, 19, 13.	1.0	6
102	Vegetative Compatibility Groups in Fusarium proliferatum from Asparagus in Australia. Mycologia, 1999, 91, 650.	1.9	6
103	First record of fusarium wilt of Phoenix canariensis in South Australia. Australasian Plant Pathology, 2001, 30, 75.	1.0	6
104	Variability and Stability of Morphological Characters of Fusarium oxysporum Isolated from Soils in Australia. Mycologia, 1989, 81, 818.	1.9	5
105	Production of Pseudothecia and Conidia by Pyrenophora Tritici-Repentis in Relation to Nutrients and Substrate Australasian Plant Pathology, 1991, 20, 92.	1.0	4
106	Phytophthora Root Rot: Assessing the potential threat to Australia's oldest national park. Ecological Management and Restoration, 2006, 7, 55-60.	1.5	4
107	Fusarium wilt ofPhoenix canariensisin Victoria. Australasian Plant Pathology, 2006, 35, 289.	1.0	4
108	Interfertility of two mating populations in the Gibberella fujikuroi species complex., 2004,, 611-618.		4

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109	First record of vascular wilt of flannel flower caused by Fusarium oxysporum. Australasian Plant Pathology, 1998, 27, 49.	1.0	3
110	Investigating the effector suite profile of Australian Fusarium oxysporum isolates from agricultural and natural ecosystems. Plant Pathology, 2021, 70, 387-396.	2.4	3
111	An Evaluation of Three Media for the Isolation of Fusarium, Alternaria and Other Fungi From Sorghum Grain Australasian Plant Pathology, 1991, 20, 134.	1.0	2
112	DISEASE NOTES OR NEW RECORDS: Stem rot of Sturt's desert pea caused by Botrytis cinerea. Australasian Plant Pathology, 1997, 26, 69.	1.0	2
113	Managing Biological Invasions: The Impact of Exotic Diseases on Plant Communities in Australia. Annals of the Missouri Botanical Garden, 2017, 102, 324-330.	1.3	2
114	Genetic Diversity of the <i>Fusarium oxysporum</i> Complex Isolated from the Grassland Biome of South Africa. Phytopathology, 2021, 111, 1459-1469.	2.2	2
115	Moisture characteristics of decomposing stubble of two wheat cultivars. Soil Biology and Biochemistry, 1988, 20, 963-964.	8.8	1
116	Reaction of Durum Wheat Cv Yallaroi to Crown and Root Rot Caused by Fusarium Graminearum Group 1 and Fusarium Crookwellense. Australasian Plant Pathology, 1995, 24, 233.	1.0	1
117	Diseases of Proteaceae. Handbook of Plant Disease Management, 2017, , 1-20.	0.5	1
118	Diseases of Proteaceae. Handbook of Plant Disease Management, 2018, , 693-711.	0.5	1