

Brett A Summerell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5586110/publications.pdf>

Version: 2024-02-01

118
papers

5,575
citations

76326

40
h-index

88630

70
g-index

120
all docs

120
docs citations

120
times ranked

4480
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Fusarium mirum</i> sp. nov, intertwining <i>Fusarium madaense</i> and <i>Fusarium andiyazi</i> , pathogens of tropical grasses. <i>Fungal Biology</i> , 2022, 126, 250-266.	2.5	7
2	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic <i>Fusarium</i> that Includes the <i>Fusarium solani</i> Species Complex. <i>Phytopathology</i> , 2021, 111, 1064-1079.	2.2	107
3	Investigating the effector suite profile of Australian <i>Fusarium oxysporum</i> isolates from agricultural and natural ecosystems. <i>Plant Pathology</i> , 2021, 70, 387-396.	2.4	3
4	Cryptic diversity found in Didymellaceae from Australian native legumes. <i>MycKeys</i> , 2021, 78, 1-20.	1.9	13
5	A conservation genomics workflow to guide practical management actions. <i>Global Ecology and Conservation</i> , 2021, 26, e01492.	2.1	27
6	Genetic Diversity of the <i>Fusarium oxysporum</i> Complex Isolated from the Grassland Biome of South Africa. <i>Phytopathology</i> , 2021, 111, 1459-1469.	2.2	2
7	Pathogenic, Morphological, and Phylogenetic Characterization of <i>Fusarium solani</i> f. sp. <i>cucurbitae</i> Isolates From Cucurbits in Almer�a Province, Spain. <i>Plant Disease</i> , 2020, 104, 1465-1476.	1.4	13
8	No to <i>Neocosmospora</i> : Phylogenomic and Practical Reasons for Continued Inclusion of the <i>Fusarium solani</i> Species Complex in the Genus <i>Fusarium</i> . <i>MSphere</i> , 2020, 5, .	2.9	61
9	Phylogenetic relationship between Australian <i>Fusarium oxysporum</i> isolates and resolving the species complex using the multispecies coalescent model. <i>BMC Genomics</i> , 2020, 21, 248.	2.8	25
10	Resolving <i>Fusarium</i> : Current Status of the Genus. <i>Annual Review of Phytopathology</i> , 2019, 57, 323-339.	7.8	154
11	Characterisation of members of the <i>Fusarium incarnatum-equiseti</i> species complex from undisturbed soils in South Africa. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1999-2008.	1.7	9
12	Diseases of Proteaceae. <i>Handbook of Plant Disease Management</i> , 2018, , 693-711.	0.5	1
13	Managing Biological Invasions: The Impact of Exotic Diseases on Plant Communities in Australia. <i>Annals of the Missouri Botanical Garden</i> , 2017, 102, 324-330.	1.3	2
14	Fungal Planet description sheets: 625�715. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2017, 39, 270-467.	4.4	148
15	Diseases of Proteaceae. <i>Handbook of Plant Disease Management</i> , 2017, , 1-20.	0.5	1
16	<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. <i>Mycologia</i> , 2016, 108, 981-992.	1.9	31
17	Review of <i>Fusarium</i> species isolated in association with mango malformation in Australia. <i>Australasian Plant Pathology</i> , 2016, 45, 547-559.	1.0	11
18	Putative effector genes detected in <i>Fusarium oxysporum</i> from natural ecosystems of Australia. <i>Plant Pathology</i> , 2016, 65, 914-929.	2.4	35

#	ARTICLE	IF	CITATIONS
19	Identification of <i>Fusarium solani</i> f.sp. <i>phalaenopsis</i> in Australia. Australasian Plant Disease Notes, 2016, 11, 1.	0.7	9
20	Six novel species of <i>Fusarium</i> from natural ecosystems in Australia. Fungal Diversity, 2016, 77, 349-366.	12.3	43
21	Variation in Type A Trichothecene Production and Trichothecene Biosynthetic Genes in <i>Fusarium goolgardi</i> from Natural Ecosystems of Australia. Toxins, 2015, 7, 4577-4594.	3.4	17
22	<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
23	Fungal Planet description sheets: 281–319. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2014, 33, 212-289.	4.4	143
24	One stop shop: backbone trees for important phytopathogenic genera: I (2014). Fungal Diversity, 2014, 67, 21-125.	12.3	241
25	<i>Fusarium</i> species associated with cob rot of sweet corn and maize in New South Wales. Australasian Plant Disease Notes, 2014, 9, 1.	0.7	7
26	Genealogical concordance phylogenetic species recognition in the <i>Fusarium oxysporum</i> species complex. Fungal Biology, 2014, 118, 374-384.	2.5	88
27	Introducing the Consolidated Species Concept to resolve species in the <i>Teratosphaeriaceae</i> . Persoonia: Molecular Phylogeny and Evolution of Fungi, 2014, 33, 1-40.	4.4	262
28	<i>Nostoc</i> , <i>Microcoleus</i> and <i>Leptolyngbya</i> inoculums are detrimental to the growth of wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.7	11
29	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
30	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
31	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
32	Fungal Planet description sheets: 128–153. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2012, 29, 146-201.	4.4	80
33	High levels of diversity in <i>Fusarium oxysporum</i> from non-cultivated ecosystems in Australia. Fungal Biology, 2012, 116, 289-297.	2.5	44
34	Fungal Planet description sheets: 107–127. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2012, 28, 138-182.	4.4	163
35	Fungal Planet description sheets: 92–106. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2011, 27, 130-162.	4.4	79
36	In search of new <i>Fusarium</i> species. Plant Breeding and Seed Science, 2011, 63, 94-101.	0.1	8

#	ARTICLE	IF	CITATIONS
37	Fusarium species associated with plants in Australia. Fungal Diversity, 2011, 46, 1-27.	12.3	71
38	Fusarium burgessii sp. nov. representing a novel lineage in the genus Fusarium. Fungal Diversity, 2011, 49, 101-112.	12.3	39
39	Fifty years of Fusarium: how could nine species have ever been enough?. Fungal Diversity, 2011, 50, 135-144.	12.3	94
40	Fungal pathogens of <i>Proteaceae</i> . Persoonia: Molecular Phylogeny and Evolution of Fungi, 2011, 27, 20-45.	4.4	98
41	Additions to the Mycosphaerella complex. IMA Fungus, 2011, 2, 49-64.	3.8	35
42	A case for re-inventory of Australia's plant pathogens. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2010, 25, 50-60.	4.4	63
43	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
44	Fusarium: two endophytic novel species from tropical grasses of northern Australia. Fungal Diversity, 2010, 44, 149-159.	12.3	42
45	Re-evaluation of Cryptosporiopsis eucalypti and Cryptosporiopsis-like species occurring on Eucalyptus leaves. Fungal Diversity, 2010, 44, 89-105.	12.3	44
46	Biogeography and phylogeography of Fusarium: a review. Fungal Diversity, 2010, 44, 3-13.	12.3	170
47	Local origin of two vegetative compatibility groups of <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> in Australia. Evolutionary Applications, 2010, 3, 505-524.	3.1	32
48	Species and ecological diversity within the Cladosporium cladosporioides complex (Davidiellaceae). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7.2 235	7.2	235
49	Phylogeny and taxonomy of obscure genera of microfungi. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2009, 22, 139-161.	4.4	95
50	Spatial aggregation in <i>Fusarium pseudograminearum</i> populations from the Australian grain belt. Plant Pathology, 2009, 58, 23-32.	2.4	18
51	Fusarium species associated with stalk rot of grain sorghum in the northern grain belt of eastern Australia. Australasian Plant Pathology, 2009, 38, 373.	1.0	20
52	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
53	<i>Myrtaceae</i> , a cache of fungal biodiversity. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2009, 23, 55-85.	4.4	128
54	Unravelling <i>Mycosphaerella</i> : do you believe in genera?. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2009, 23, 99-118.	4.4	152

#	ARTICLE	IF	CITATIONS
55	Novel species of <i>Mycosphaerellaceae</i> and <i>Teratosphaeriaceae</i> . <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2009, 23, 119-146.	4.4	56
56	Sexual compatibility in <i>Fusarium pseudograminearum</i> (<i>Gibberella coronicola</i>). <i>Mycological Research</i> , 2008, 112, 1101-1106.	2.5	20
57	Genetic Structure of <i>Fusarium pseudograminearum</i> Populations from the Australian Grain Belt. <i>Phytopathology</i> , 2008, 98, 250-255.	2.2	21
58	Host specificity and speciation of <i>Mycosphaerella</i> and <i>Teratosphaeria</i> species associated with leaf spots of Proteaceae. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2008, 20, 59-86.	4.4	61
59	Crop pathogens and other <i>Fusarium</i> species associated with <i>Austrostipa aristiglumis</i> . <i>Australasian Plant Pathology</i> , 2007, 36, 434.	1.0	20
60	Is <i>Fusarium torulosum</i> the causal agent of kikuyu poisoning in Australia?. <i>Australasian Plant Disease Notes</i> , 2007, 2, 133.	0.7	9
61	Phytophthora Root Rot: Assessing the potential threat to Australia's oldest national park. <i>Ecological Management and Restoration</i> , 2006, 7, 55-60.	1.5	4
62	<i>Fusarium</i> laboratory workshops – A recent history. <i>Mycotoxin Research</i> , 2006, 22, 73-74.	2.3	86
63	Vascular wilt of basil in Australia. <i>Australasian Plant Pathology</i> , 2006, 35, 65.	1.0	10
64	<i>Fusarium</i> wilt of Phoenix canariensis in Victoria. <i>Australasian Plant Pathology</i> , 2006, 35, 289.	1.0	4
65	<i>Fusarium</i> crown and root rot pathogens associated with wheat and grass stem bases on the South Island of New Zealand. <i>Australasian Plant Pathology</i> , 2006, 35, 495.	1.0	41
66	Mycelium of <i>Alternaria alternata</i> as a potential biological control agent for <i>Eupatorium adenophorum</i> . <i>Biocontrol Science and Technology</i> , 2006, 16, 653-668.	1.3	15
67	Description of <i>Gibberella sacchari</i> and neotypification of its anamorph <i>Fusarium sacchari</i> . <i>Mycologia</i> , 2005, 97, 718-724.	1.9	13
68	Preliminary studies on <i>Botryosphaeria</i> species from Southern Hemisphere conifers in Australasia and South Africa. <i>Australasian Plant Pathology</i> , 2005, 34, 213.	1.0	30
69	Description of <i>Gibberella sacchari</i> and neotypification of its anamorph <i>Fusarium sacchari</i> . <i>Mycologia</i> , 2005, 97, 718-724.	1.9	27
70	Genetic structure of populations of <i>Fusarium proliferatum</i> in soils associated with <i>Livistona mariae</i> palms in Little Palm Creek, Northern Territory, Australia. <i>Australian Journal of Botany</i> , 2004, 52, 543.	0.6	9
71	Interfertility of Two Mating Populations in the <i>Gibberella fujikuroi</i> Species Complex. <i>European Journal of Plant Pathology</i> , 2004, 110, 611-618.	1.7	47
72	Interfertility of two mating populations in the <i>Gibberella fujikuroi</i> species complex. , 2004, , 611-618.		4

#	ARTICLE	IF	CITATIONS
73	The Name <i>Fusarium Moniliforme</i> Should no Longer be Used. <i>Mycological Research</i> , 2003, 107, 643-644.	2.5	94
74	<i>Phytophthora cinnamomi</i> causing disease in subalpine vegetation in New South Wales. <i>Australasian Plant Pathology</i> , 2003, 32, 113.	1.0	12
75	A Utilitarian Approach to <i>Fusarium</i> Identification. <i>Plant Disease</i> , 2003, 87, 117-128.	1.4	252
76	<i>Gibberella konza</i> (<i>Fusarium konzum</i>) sp. nov. from Prairie Grasses, a New Species in the <i>Gibberella fujikuroi</i> Species Complex. <i>Mycologia</i> , 2003, 95, 943.	1.9	42
77	<i>Gibberella konza</i> (<i>Fusarium konzum</i>) sp. nov. from prairie grasses, a new species in the <i>Gibberella fujikuroi</i> species complex. <i>Mycologia</i> , 2003, 95, 943-954.	1.9	93
78	<i>Gibberella konza</i> (<i>Fusarium konzum</i>) sp. nov. from prairie grasses, a new species in the <i>Gibberella fujikuroi</i> species complex. <i>Mycologia</i> , 2003, 95, 943-54.	1.9	24
79	Molecular detection and differentiation of Australian <i>Armillaria</i> species. <i>Australasian Plant Pathology</i> , 2002, 31, 75.	1.0	13
80	Differentiation of <i>Fusarium oxysporum</i> isolates from <i>Phoenix canariensis</i> (Canary Island Date Palm) by vegetative compatibility grouping and molecular analysis. <i>Australasian Plant Pathology</i> , 2002, 31, 351.	1.0	10
81	Icebergs and species in populations of <i>Fusarium</i> . <i>Physiological and Molecular Plant Pathology</i> , 2001, 59, 107-117.	2.5	58
82	First record of fusarium wilt of <i>Phoenix canariensis</i> in South Australia. <i>Australasian Plant Pathology</i> , 2001, 30, 75.	1.0	6
83	Title is missing!. <i>Australasian Plant Pathology</i> , 2001, 30, 153.	1.0	13
84	First record of <i>Peronophythora litchii</i> on litchi fruit in Vietnam. <i>Australasian Plant Pathology</i> , 2001, 30, 287.	1.0	14
85	Natural occurrence of perithecia of <i>Gibberella conicola</i> on wheat plants with crown rot in Australia. <i>Australasian Plant Pathology</i> , 2001, 30, 353.	1.0	34
86	Pathogens of the Wollemi pine, <i>Wollemia nobilis</i> . <i>Australasian Plant Pathology</i> , 2000, 29, 211.	1.0	18
87	Fungi occurring on Proteaceae in Australia: selected foliicolous species. <i>Australasian Plant Pathology</i> , 2000, 29, 267.	1.0	19
88	Structure of mycorrhizae of the Wollemi pine (<i>Wollemia nobilis</i>) and related Araucariaceae. <i>Australian Journal of Botany</i> , 1999, 47, 85.	0.6	28
89	Vegetative Compatibility Groups in <i>Fusarium proliferatum</i> from <i>Asparagus</i> in Australia. <i>Mycologia</i> , 1999, 91, 650.	1.9	6
90	First record of vascular wilt of flannel flower caused by <i>Fusarium oxysporum</i> . <i>Australasian Plant Pathology</i> , 1998, 27, 49.	1.0	3

#	ARTICLE	IF	CITATIONS
91	Systematic Numbering of Vegetative Compatibility Groups in the Plant Pathogenic Fungus <i>Fusarium oxysporum</i> . <i>Phytopathology</i> , 1998, 88, 30-32.	2.2	76
92	<i>Pestalotiopsis guepinii</i> , a Taxol-producing Endophyte of the Wollemi Pine, <i>Wollemia nobilis</i> . <i>Australian Journal of Botany</i> , 1997, 45, 1073.	0.6	131
93	DISEASE NOTES OR NEW RECORDS: Stem rot of Sturt's desert pea caused by <i>Botrytis cinerea</i> . <i>Australasian Plant Pathology</i> , 1997, 26, 69.	1.0	2
94	Biology and pathology of a species of <i>Phaeoramularia</i> causing a leaf spot of crofton weed. <i>Australasian Plant Pathology</i> , 1997, 26, 165.	1.0	11
95	<i>Fusarium</i> species associated with asparagus crowns and soil in Australia and New Zealand. <i>Australasian Plant Pathology</i> , 1997, 26, 255.	1.0	22
96	Association of <i>Fusarium</i> species with root rot of <i>Cymbidium</i> orchids. <i>Australasian Plant Pathology</i> , 1996, 25, 226.	1.0	20
97	Reaction of Durum Wheat Cv Yallaroi to Crown and Root Rot Caused by <i>Fusarium Graminearum</i> Group 1 and <i>Fusarium Crookwellense</i> . <i>Australasian Plant Pathology</i> , 1995, 24, 233.	1.0	1
98	Taxonomy of <i>Fusarium</i> : characterization of <i>Fusarium avenaceum</i> subsp. <i>aywerte</i> and <i>Fusarium avenaceum</i> subsp. <i>nurragi</i> . <i>Mycological Research</i> , 1995, 99, 287-290.	2.5	16
99	Characterization of <i>Fusarium babinda</i> sp. nov.. <i>Mycological Research</i> , 1995, 99, 1345-1348.	2.5	16
100	Phosphate-solubilizing bacteria associated with proteoid roots of seedlings of waratah [<i>Telopea speciosissima</i> (Sm.) R.Br.]. <i>New Phytologist</i> , 1994, 128, 487-496.	7.3	36
101	Mycogeography of <i>Fusarium</i> : survey of <i>Fusarium</i> species associated with forest and woodland communities in north Queensland, Australia. <i>Mycological Research</i> , 1993, 97, 1015-1019.	2.5	27
102	Long-term effects of stubble management on the incidence of infection of wheat by <i>Fusarium graminearum</i> Schw. Group 1. <i>Australian Journal of Experimental Agriculture</i> , 1993, 33, 451.	1.0	34
103	Mycogeography of <i>Fusarium</i> : survey of <i>Fusarium</i> species in subtropical and semi-arid grassland soils from Queensland, Australia. <i>Mycological Research</i> , 1992, 96, 780-784.	2.5	56
104	An Evaluation of Several Media for Use in Identification of Some <i>Fusarium</i> Species.. <i>Australasian Plant Pathology</i> , 1991, 20, 86.	1.0	8
105	Production of Pseudothecia and Conidia by <i>Pyrenophora Tritici-Repentis</i> in Relation to Nutrients and Substrate.. <i>Australasian Plant Pathology</i> , 1991, 20, 92.	1.0	4
106	An Evaluation of Three Media for the Isolation of <i>Fusarium</i> , <i>Alternaria</i> and Other Fungi From Sorghum Grain.. <i>Australasian Plant Pathology</i> , 1991, 20, 134.	1.0	2
107	Crown and Stem Canker of Waratah Caused by <i>Cylindrocarpon Destructans</i> .. <i>Australasian Plant Pathology</i> , 1990, 19, 13.	1.0	6
108	Some Morphological and Physiological Characters of <i>Fusarium</i> Species in Sections <i>Liseola</i> and <i>Elegans</i> and Similar Species. <i>Mycologia</i> , 1990, 82, 99.	1.9	8

#	ARTICLE	IF	CITATIONS
109	Stubble Management and the Site of Penetration of Wheat by <i>Fusarium graminearum</i> Group 1. <i>Phytopathology</i> , 1990, 80, 877.	2.2	27
110	The impact of stubble management on the incidence of crown rot of wheat. <i>Australian Journal of Experimental Agriculture</i> , 1989, 29, 91.	1.0	36
111	Factors influencing survival of <i>Pyrenophora tritici-repentis</i> : Water potential and temperature. <i>Mycological Research</i> , 1989, 93, 41-45.	2.5	9
112	Decomposition and chemical composition of cereal straw. <i>Soil Biology and Biochemistry</i> , 1989, 21, 551-559.	8.8	89
113	Factors influencing survival of <i>Pyrenophora tritici-repentis</i> : Stubble management. <i>Mycological Research</i> , 1989, 93, 38-40.	2.5	23
114	Variability and Stability of Morphological Characters of <i>Fusarium oxysporum</i> Isolated from Soils in Australia. <i>Mycologia</i> , 1989, 81, 818.	1.9	5
115	Stubble Management Practices and the Survival of <i>Fusarium Graminearum</i> Group 1 in Wheat Stubble Residues.. <i>Australasian Plant Pathology</i> , 1988, 17, 88.	1.0	44
116	Moisture characteristics of decomposing stubble of two wheat cultivars. <i>Soil Biology and Biochemistry</i> , 1988, 20, 963-964.	8.8	1
117	Saprophytic colonization of wheat and barley by <i>Pyrenophora tritici-repentis</i> in the field. <i>Transactions of the British Mycological Society</i> , 1988, 90, 551-556.	0.6	23
118	Factors influencing production of pseudothecia by <i>Pyrenophora tritici-repentis</i> . <i>Transactions of the British Mycological Society</i> , 1988, 90, 557-562.	0.6	22