

# Peter R Johnston

## List of Publications by Year in descending order

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108  
papers

10,355  
citations

136950

32  
h-index

34986

98  
g-index

110  
all docs

110  
docs citations

110  
times ranked

10150  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Hymenotorrendiella clelandii</i> (Leotiomyces, Helotiales, Helotiaceae) and related species from Australia and New Zealand. <i>New Zealand Journal of Botany</i> , 2023, 61, 1-22.	1.1	2
2	Apothecial Ancestry, Evolution, and Re-Evolution in Thelebolales (Leotiomyces, Fungi). <i>Biology</i> , 2022, 11, 583.	2.8	10
3	Fungal taxonomy and sequence-based nomenclature. <i>Nature Microbiology</i> , 2021, 6, 540-548.	13.3	101
4	<i>Brahmaculus</i> gen. nov. (Leotiomyces, Chlorociboriaceae). <i>MycKeys</i> , 2021, 80, 19-43.	1.9	2
5	Multilocus phylogenetic analysis reveals that Cyttariales is a synonym of Helotiales. <i>Mycological Progress</i> , 2021, 20, 1323-1330.	1.4	6
6	Novel interactions between alien pathogens and native plants increase plant-pathogen network connectance and decrease specialization. <i>Journal of Ecology</i> , 2020, 108, 750-760.	4.0	9
7	Unambiguous identification of fungi: where do we stand and how accurate and precise is fungal DNA barcoding?. <i>IMA Fungus</i> , 2020, 11, 14.	3.8	232
8	Pathogenic fungi isolated in association with grapevine trunk diseases in New Zealand. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2020, 48, 84-96.	1.3	12
9	FungalTraits: a user-friendly traits database of fungi and fungus-like stramenopiles. <i>Fungal Diversity</i> , 2020, 105, 1-16.	12.3	387
10	New species of <i>Marthamyces</i> and <i>Ramomarthamyces</i> gen. nov. from New Zealand and the Cook Islands. <i>Mycotaxon</i> , 2019, 134, 489-516.	0.3	2
11	<i>Sphaeropezia leucocheila</i> sp. nov. (Stictidaceae): a liverwort pathogen from New Zealand. <i>Phytotaxa</i> , 2019, 409, 222-226.	0.3	2
12	A multigene phylogeny toward a new phylogenetic classification of Leotiomyces. <i>IMA Fungus</i> , 2019, 10, 1.	3.8	140
13	Three new species and a new combination of <i>Triblidium</i> . <i>MycKeys</i> , 2019, 60, 1-15.	1.9	2
14	<i>Blastacervulus Metrosideri</i> sp. nov. Leaf Spot on <i>Metrosideros Excelsa</i> in New Zealand. <i>Fungal Systematics and Evolution</i> , 2019, 3, 348-352.	2.2	2
15	Overview of Phacidiales, including <i>Aotearoamyces</i> gen. nov. on <i>Nothofagus</i> . <i>IMA Fungus</i> , 2018, 9, 371-382.	3.8	8
16	Import volumes and biosecurity interventions shape the arrival rate of fungal pathogens. <i>PLoS Biology</i> , 2018, 16, e2006025.	5.6	64
17	Considerations and consequences of allowing DNA sequence data as types of fungal taxa. <i>IMA Fungus</i> , 2018, 9, 167-175.	3.8	45
18	<i>Trichoderma</i> down under: species diversity and occurrence of <i>Trichoderma</i> in New Zealand. <i>Australasian Plant Pathology</i> , 2017, 46, 11-30.	1.0	20

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19	Scattered far and wide: A broadly distributed temperate dune grass finds familiar fungal root associates in its invasive range. <i>Soil Biology and Biochemistry</i> , 2017, 112, 177-190.	8.8	8
20	Comparing diversity of fungi from living leaves using culturing and high-throughput environmental sequencing. <i>Mycologia</i> , 2017, 109, 1-12.	1.9	23
21	Genetic validation of historical plant pathology records – a case study based on the fungal genus <i>Phoma</i> from the ICMP culture collection. <i>Plant Pathology</i> , 2017, 66, 1424-1431.	2.4	3
22	Open data on fungi and bacterial plant pathogens in New Zealand. <i>Mycology</i> , 2017, 8, 59-66.	4.4	7
23	Phylogenetic relationships of eight new <i>Dacrymycetes</i> collected from new Zealand. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2017, 38, 156-169.	4.4	13
24	<i>Lauriomyces</i> , a New Lineage in the Leotiomyces with Three New Species. <i>Cryptogamie, Mycologie</i> , 2017, 38, 259-273.	1.0	5
25	<i>Entalobostroma erumpens</i> gen. et sp. nov. (Xylariaceae) from <i>Phormium</i> in New Zealand. <i>Mycotaxon</i> , 2016, 131, 765-771.	0.3	8
26	Overlooked competing asexual and sexually typified generic names of Ascomycota with recommendations for their use or protection. <i>IMA Fungus</i> , 2016, 7, 289-308.	3.8	38
27	<i>Neocoleroa metrosideri</i> sp. nov. (Symptoventuriaceae, Venturiales). <i>Phytotaxa</i> , 2016, 253, 214.	0.3	3
28	Towards management of invasive ectomycorrhizal fungi. <i>Biological Invasions</i> , 2016, 18, 3383-3395.	2.4	41
29	A native and an invasive dune grass share similar, patchily distributed, root-associated fungal communities. <i>Fungal Ecology</i> , 2016, 23, 141-155.	1.6	14
30	Taxonomic similarity, more than contact opportunity, explains novel plant pathogen associations between native and alien taxa. <i>New Phytologist</i> , 2016, 212, 657-667.	7.3	33
31	(241136"24114) Proposals to conserve the names <i>Pseudopeziza japonica</i> ( <i>Blumeriella japonica</i> ) against <i>Cylindrosporium padi</i> ; <i>Pyrenopeziza medicaginis</i> ( <i>Leptotrochila</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.7	0
32	<i>Cylindrosporium concentricum</i> (Ascomycota: Leotiomyces). <i>Taxon</i> , 2016, 65, 184-185.		
32	<i>Fusarium praegraminearum</i> sp. nov., a novel nivalenol mycotoxin-producing pathogen from New Zealand can induce head blight on wheat. <i>Mycologia</i> , 2016, 108, 1229-1239.	1.9	12
33	<i>Harorepupu aotearoa</i> (Onygenales) gen. sp. nov.; a threatened fungus from shells of <i>Powelliphanta</i> and <i>Paryphanta</i> snails (Rhytididae). <i>IMA Fungus</i> , 2015, 6, 135-143.	3.8	3
34	<i>Fusarium dactylidis</i> sp. nov., a novel nivalenol toxin-producing species sister to <i>F. pseudograminearum</i> isolated from orchard grass ( <i>Dactylis glomerata</i> ) in Oregon and New Zealand. <i>Mycologia</i> , 2015, 107, 409-418.	1.9	34
35	A coastal sand dune in New Zealand reveals high arbuscular mycorrhizal fungal diversity. <i>Symbiosis</i> , 2015, 66, 111-121.	2.3	14
36	Rhytismataceae (Ascomycota) in Cuba. <i>Willdenowia</i> , 2014, 44, 65-75.	0.8	3

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37	Genetic diversity of <i>Botrytis</i> in New Zealand vineyards and the significance of its seasonal and regional variation. <i>Plant Pathology</i> , 2014, 63, 888-898.	2.4	34
38	Vibrisseaceous fungi from the southern hemisphere, including <i>Chlorovibrissa chilensis</i> (Helotiales), <i>Tj</i> ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	4
39	Recommendations on generic names competing for use in Leotiomycetes (Ascomycota). <i>IMA Fungus</i> , 2014, 5, 91-120.	3.8	103
40	The phylogenetic relationships of <i>Torrendiella</i> and <i>Hymenotorrendiella</i> gen. nov. within the Leotiomycetes. <i>Phytotaxa</i> , 2014, 177, 1.	0.3	16
41	Finding needles in haystacks: linking scientific names, reference specimens and molecular data for Fungi. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau061-bau061.	3.0	272
42	A bryophilous member of the Leotiomycetes from New Zealand, <i>Bryoclaviculus campylopi</i> gen. et sp. nov.. <i>New Zealand Journal of Botany</i> , 2013, 51, 321-327.	1.1	3
43	<i>Schizophyllum commune</i> : a case study for testing the potential introduction of non-native strains into New Zealand. <i>New Zealand Journal of Botany</i> , 2013, 51, 286-296.	1.1	2
44	A new species of the lenticel fungal genus <i>Claviradulomyces</i> (Ostropales) from the Brazilian Atlantic forest tree <i>Xylopia sericea</i> (Annonaceae). <i>IMA Fungus</i> , 2012, 3, 135-141.	3.8	3
45	The <i>Colletotrichum boninense</i> species complex. <i>Studies in Mycology</i> , 2012, 73, 1-36.	7.2	306
46	Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for Fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6241-6246.	7.1	4,012
47	The <i>Colletotrichum gloeosporioides</i> species complex. <i>Studies in Mycology</i> , 2012, 73, 115-180.	7.2	1,130
48	Patterns of fungal diversity in New Zealand <i>Nothofagus</i> forests. <i>Fungal Biology</i> , 2012, 116, 401-412.	2.5	21
49	Phylogenetic diversity of insecticolous fusaria inferred from multilocus DNA sequence data and their molecular identification via FUSARIUM-ID and <i>Fusarium MLST</i> . <i>Mycologia</i> , 2012, 104, 427-445.	1.9	164
50	<i>Hypoderma siculum</i> sp. nov. from Italy. <i>Mycotaxon</i> , 2012, 118, 393-401.	0.3	5
51	Two new pathogenic ascomycetes in <i>Guignardia</i> and <i>Rosenscheldiella</i> on New Zealand's pygmy mistletoes ( <i>Korthalsella</i> : Viscaceae). <i>Studies in Mycology</i> , 2011, 68, 237-247.	7.2	16
52	Tasting Soil Fungal Diversity with Earth Tongues: Phylogenetic Test of SATÅ© Alignments for Environmental ITS Data. <i>PLoS ONE</i> , 2011, 6, e19039.	2.5	32
53	Molecular phylogeny reveals a core clade of Rhytismatales. <i>Mycologia</i> , 2011, 103, 57-74.	1.9	64
54	The Amsterdam Declaration on Fungal Nomenclature. <i>IMA Fungus</i> , 2011, 2, 105-111.	3.8	320

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55	Characterisation and neotypification of <i>Gloeosporium kaki</i> Hori as <i>Colletotrichum horii</i> nom. nov.. Mycotaxon, 2010, 111, 209-219.	0.3	46
56	<i>Neobulgaria alba</i> sp. nov. and its <i>Phialophora</i> -like anamorph in native forests and kiwifruit orchards in New Zealand. Mycotaxon, 2010, 113, 385-396.	0.3	12
57	<i>Claviradulomyces</i> , a new genus of Odontotremataceae from West African rainforest. Fungal Biology, 2010, 114, 41-48.	2.5	4
58	Evolution of Reproductive Morphology in Leaf Endophytes. PLoS ONE, 2009, 4, e4246.	2.5	31
59	Diversity and distribution of fungal foliar endophytes in New Zealand Podocarpaceae. Mycological Research, 2009, 113, 1003-1015.	2.5	61
60	The Ascomycota Tree of Life: A Phylum-wide Phylogeny Clarifies the Origin and Evolution of Fundamental Reproductive and Ecological Traits. Systematic Biology, 2009, 58, 224-239.	5.6	581
61	A two-locus DNA sequence database for typing plant and human pathogens within the <i>Fusarium oxysporum</i> species complex. Fungal Genetics and Biology, 2009, 46, 936-948.	2.1	275
62	Three new <i>Phaeoacremonium</i> species on grapevines in New Zealand. Australasian Plant Pathology, 2009, 38, 505.	1.0	29
63	<i>Hypocreopsis amplexans</i> sp. nov., a rare fungus from New Zealand and Australia. New Zealand Journal of Botany, 2007, 45, 715-719.	1.1	2
64	Checklist of fungi on teatree ( <i>Kunzea</i> and <i>Leptospermum</i> species) in New Zealand. New Zealand Journal of Botany, 2006, 44, 293-335.	1.1	18
65	The basidiomycete genus <i>Favolaschia</i> in New Zealand. New Zealand Journal of Botany, 2006, 44, 65-87.	1.1	11
66	Visualising endophytic fungi within leaves by detection of (1 $\rightarrow$ 3)- $\beta$ -D-glucans in fungal cell walls. The Mycologist, 2006, 20, 159-162.	0.4	25
67	Toward a phylogenetic classification of the Leotiomycetes based on rDNA data. Mycologia, 2006, 98, 1065-1075.	1.9	64
68	Rhytismatales of Australia: the genus <i>Marthamyces</i> . Australian Systematic Botany, 2006, 19, 135.	0.9	7
69	Evolution of helotialean fungi (Leotiomycetes, Pezizomycotina): A nuclear rDNA phylogeny. Molecular Phylogenetics and Evolution, 2006, 41, 295-312.	2.7	165
70	Toward a phylogenetic classification of the Leotiomycetes based on rDNA data. Mycologia, 2006, 98, 1065-1075.	1.9	128
71	<i>Chlorociboria</i> (Fungi, Helotiales) in New Zealand. New Zealand Journal of Botany, 2005, 43, 679-719.	1.1	33
72	Checklist of fungi on cabbage trees ( <i>Cordylines</i> spp.) and New Zealand flaxes ( <i>Phormium</i> spp.) in New Zealand. New Zealand Journal of Botany, 2005, 43, 119-139.	1.1	2

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73	New <i>Phyllachora</i> species from <i>Myrsine</i> and <i>Rostkovia</i> from New Zealand. <i>New Zealand Journal of Botany</i> , 2004, 42, 921-933.	1.1	1
74	Checklist of fungi on nikau palm ( <i>Rhopalostylis sapida</i> and <i>R. baueri</i> var. <i>cheesemaniae</i> ), in New Zealand. <i>New Zealand Journal of Botany</i> , 2004, 42, 335-355.	1.1	9
75	<i>Puccinia embergeriae</i> sp. nov. on Chatham Islands sow thistle ( <i>Embergeria grandifolia</i> ) and a note on <i>Miyagia pseudosphaeria</i> on sow thistles ( <i>Sonchus</i> spp.) in New Zealand. <i>New Zealand Journal of Botany</i> , 2004, 42, 657-661.	1.1	3
76	<i>Hispidulagen</i> . nov. (Helotiales, Hyaloscyphaceae) in Australia and New Zealand. <i>New Zealand Journal of Botany</i> , 2003, 41, 685-697.	1.1	0
77	Characterization of Diversity in <i>Colletotrichum acutatum</i> sensu lato by Sequence Analysis of Two Gene Introns, mtDNA and Intron RFLPs, and Mating Compatibility. <i>Mycologia</i> , 2003, 95, 872.	1.9	133
78	Phylogenetics of <i>Lophodermium</i> from Pine. <i>Mycologia</i> , 2003, 95, 846.	1.9	24
79	Characterization of diversity in <i>Colletotrichum acutatum</i> sensu lato by sequence analysis of two gene introns, mtDNA and intron RFLPs, and mating compatibility. <i>Mycologia</i> , 2003, 95, 872-895.	1.9	233
80	Phylogenetics of <i>Lophodermium</i> from pine. <i>Mycologia</i> , 2003, 95, 846-859.	1.9	55
81	Checklist of fungi on kauri ( <i>Agathis australis</i> ) in New Zealand. <i>New Zealand Journal of Botany</i> , 2002, 40, 269-296.	1.1	22
82	<i>Chaetoscypha</i> Syd. reassessed. <i>New Zealand Journal of Botany</i> , 2002, 40, 697-699.	1.1	2
83	Rhytismatales of Australasia. <i>Australian Systematic Botany</i> , 2001, 14, 377.	0.9	3
84	Rhytismatales of Australia: the genus <i>Coccomyces</i> . <i>Australian Systematic Botany</i> , 2000, 13, 199.	0.9	6
85	<i>Torrendiella</i> (Ascomycota, Helotiales) on <i>Nothofagus</i> . <i>New Zealand Journal of Botany</i> , 2000, 38, 493-513.	1.1	6
86	New records of phytopathogenic fungi in the Chatham Islands, New Zealand. <i>Australasian Plant Pathology</i> , 1999, 28, 131.	1.0	6
87	Morphological and molecular analysis of <i>Colletotrichum acutatum</i> sensu lato. <i>Mycological Research</i> , 1999, 103, 275-285.	2.5	81
88	Tarāwhaka spot fungi on <i>Nothofagus</i> in New Zealand – a preliminary report. <i>New Zealand Journal of Botany</i> , 1999, 37, 703-714.	1.1	3
89	Leaf endophytes of manuka ( <i>Leptospermum scoparium</i> ). <i>Mycological Research</i> , 1998, 102, 1009-1016.	2.5	23
90	Favourable Conditions for the Bioherbicide Candidate <i>Fusarium tumidum</i> to Infect and Cause Severe Disease on Gorse ( <i>Ulex europaeus</i> ) in a Controlled Environment. <i>Biocontrol Science and Technology</i> , 1998, 8, 301-311.	1.3	15

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91	Four new <i>Pirottaea</i> species from New Zealand. <i>New Zealand Journal of Botany</i> , 1998, 36, 645-652.	1.1	5
92	Relationships among <i>Colletotrichum</i> Isolates from Fruit-Rots Assessed Using rDNA Sequences. <i>Mycologia</i> , 1997, 89, 420.	1.9	86
93	Relationships among <i>Colletotrichum</i> isolates from fruit-rots assessed using rDNA sequences. <i>Mycologia</i> , 1997, 89, 420-430.	1.9	161
94	Fungi Associated With Gorse and Broom in New-Zealand. <i>Australasian Plant Pathology</i> , 1995, 24, 157.	1.0	15
95	The genus <i>Psilocybe</i> (Agaricales) in New Zealand. <i>New Zealand Journal of Botany</i> , 1995, 33, 379-388.	1.1	7
96	<i>Gibberella tumida</i> sp. nov. "teleomorph of <i>Fusarium tumidum</i> from gorse in New Zealand. <i>Mycological Research</i> , 1994, 98, 729-732.	2.5	14
97	<i>Elsinoë dracophylli</i> sp. nov.. <i>New Zealand Journal of Botany</i> , 1994, 32, 519-520.	1.1	5
98	Rhytismataceae in New Zealand 6. Checklist of species and hosts, with keys to species on each host genus. <i>New Zealand Journal of Botany</i> , 1992, 30, 329-351.	1.1	11
99	Rhytismataceae in New Zealand 4. <i>Pureke zelandicum</i> gen. and sp. nov. plus additional species in <i>Hypoderma</i> , <i>Lophodermium</i> , and <i>Propolis</i> . <i>New Zealand Journal of Botany</i> , 1991, 29, 395-404.	1.1	3
100	Rhytismataceae in New Zealand 5. Wood- and bark-inhabiting species in the genera <i>Colpoma</i> and <i>Propolomyces</i> . <i>New Zealand Journal of Botany</i> , 1991, 29, 405-410.	1.1	6
101	Potential of fungi for the biological control of some New Zealand weeds. <i>New Zealand Journal of Agricultural Research</i> , 1990, 33, 1-14.	1.6	11
102	Rhytismataceae in New Zealand 3. The genus <i>Hypoderma</i> . <i>New Zealand Journal of Botany</i> , 1990, 28, 159-183.	1.1	17
103	Rhytismataceae in New Zealand 2. The genus <i>Lophodermium</i> on indigenous plants. <i>New Zealand Journal of Botany</i> , 1989, 27, 243-274.	1.1	23
104	Rhytismataceae in New Zealand 1. Some foliicolous species of <i>Coccomyces</i> de Notaris and <i>Propolis</i> (Fries) Corda. <i>New Zealand Journal of Botany</i> , 1986, 24, 89-124.	1.1	28
105	<i>Stictis</i> and its anamorphs in New Zealand. <i>New Zealand Journal of Botany</i> , 1983, 21, 249-279.	1.1	11
106	<i>Phoma</i> on New Zealand grasses and pasture legumes. <i>New Zealand Journal of Botany</i> , 1981, 19, 173-186.	1.1	11
107	<i>Phoma nigricans</i> sp. nov. and <i>P. pratorum</i> sp. nov., two common saprophytes from New Zealand. <i>New Zealand Journal of Botany</i> , 1981, 19, 393-396.	1.1	2
108	Species of the common discomycete genus <i>Bisporella</i> reassigned to at least four genera. <i>Mycologia</i> , 0, 1-19.	1.9	2