

Peter R Johnston

List of Publications by Year in descending order

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Version: 2024-02-01

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	Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for <i>Fungi</i> . Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6241-6246.	7.1	4,012
2	The <i>Colletotrichum gloeosporioides</i> species complex. Studies in Mycology, 2012, 73, 115-180.	7.2	1,130
3	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
4	FungalTraits: a user-friendly traits database of fungi and fungus-like stramenopiles. Fungal Diversity, 2020, 105, 1-16.	12.3	387
5	The Amsterdam Declaration on Fungal Nomenclature. IMA Fungus, 2011, 2, 105-111.	3.8	320
6	The <i>Colletotrichum boninense</i> species complex. Studies in Mycology, 2012, 73, 1-36.	7.2	306
7	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
8	Finding needles in haystacks: linking scientific names, reference specimens and molecular data for <i>Fungi</i> . Database: the Journal of Biological Databases and Curation, 2014, 2014, bau061-bau061.	3.0	272
9	Characterization of diversity in <i>Colletotrichum acutatum</i> <i>sensu lato</i> by sequence analysis of two gene introns, mtDNA and intron RFLPs, and mating compatibility. Mycologia, 2003, 95, 872-895.	1.9	233
10	Unambiguous identification of fungi: where do we stand and how accurate and precise is fungal DNA barcoding?. IMA Fungus, 2020, 11, 14.	3.8	232
11	Evolution of helotialean fungi (Leotiomycetes, Pezizomycotina): A nuclear rDNA phylogeny. Molecular Phylogenetics and Evolution, 2006, 41, 295-312.	2.7	165
12	Phylogenetic diversity of insecticolous fusaria inferred from multilocus DNA sequence data and their molecular identification via FUSARIUM-ID and <i>Fusarium</i> MLST. Mycologia, 2012, 104, 427-445.	1.9	164
13	Relationships among <i>Colletotrichum</i> isolates from fruit-rots assessed using rDNA sequences. Mycologia, 1997, 89, 420-430.	1.9	161
14	A multigene phylogeny toward a new phylogenetic classification of Leotiomycetes. IMA Fungus, 2019, 10, 1.	3.8	140
15	Characterization of Diversity in <i>Colletotrichum acutatum sensu lato</i> by Sequence Analysis of Two Gene Introns, mtDNA and Intron RFLPs, and Mating Compatibility. Mycologia, 2003, 95, 872.	1.9	133
16	Toward a phylogenetic classification of the Leotiomycetes based on rDNA data. Mycologia, 2006, 98, 1065-1075.	1.9	128
17	Recommendations on generic names competing for use in Leotiomycetes (Ascomycota). IMA Fungus, 2014, 5, 91-120.	3.8	103
18	Fungal taxonomy and sequence-based nomenclature. Nature Microbiology, 2021, 6, 540-548.	13.3	101

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19	Relationships among <i>Colletotrichum</i> Isolates from Fruit-Rots Assessed Using rDNA Sequences. <i>Mycologia</i> , 1997, 89, 420.	1.9	86
20	Morphological and molecular analysis of <i>Colletotrichum acutatum</i> sensu lato. <i>Mycological Research</i> , 1999, 103, 275-285.	2.5	81
21	Toward a phylogenetic classification of the Leotiomycetes based on rDNA data. <i>Mycologia</i> , 2006, 98, 1065-1075.	1.9	64
22	Molecular phylogeny reveals a core clade of Rhytismatales. <i>Mycologia</i> , 2011, 103, 57-74.	1.9	64
23	Import volumes and biosecurity interventions shape the arrival rate of fungal pathogens. <i>PLoS Biology</i> , 2018, 16, e2006025.	5.6	64
24	Diversity and distribution of fungal foliar endophytes in New Zealand Podocarpaceae. <i>Mycological Research</i> , 2009, 113, 1003-1015.	2.5	61
25	Phylogenetics of <i>Lophodermium</i> from pine. <i>Mycologia</i> , 2003, 95, 846-859.	1.9	55
26	Characterisation and neotypification of <i>Gloeosporium kaki</i> Hori as <i>Colletotrichum horii</i> nom. nov.. <i>Mycotaxon</i> , 2010, 111, 209-219.	0.3	46
27	Considerations and consequences of allowing DNA sequence data as types of fungal taxa. <i>IMA Fungus</i> , 2018, 9, 167-175.	3.8	45
28	Towards management of invasive ectomycorrhizal fungi. <i>Biological Invasions</i> , 2016, 18, 3383-3395.	2.4	41
29	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
30	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
31	<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
32	<i>Chlorociboria</i> (Fungi, Helotiales) in New Zealand. <i>New Zealand Journal of Botany</i> , 2005, 43, 679-719.	1.1	33
33	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
34	Tasting Soil Fungal Diversity with Earth Tongues: Phylogenetic Test of SAT [©] Alignments for Environmental ITS Data. <i>PLoS ONE</i> , 2011, 6, e19039.	2.5	32
35	Evolution of Reproductive Morphology in Leaf Endophytes. <i>PLoS ONE</i> , 2009, 4, e4246.	2.5	31
36	Three new <i>Phaeoacremonium</i> species on grapevines in New Zealand. <i>Australasian Plant Pathology</i> , 2009, 38, 505.	1.0	29

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37	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
38	Visualising endophytic fungi within leaves by detection of (1 β)-D-glucans in fungal cell walls. <i>The Mycologist</i> , 2006, 20, 159-162.	0.4	25
39	Phylogenetics of <i>Lophodermium</i> from Pine. <i>Mycologia</i> , 2003, 95, 846.	1.9	24
40	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
41	Leaf endophytes of manuka (<i>Leptospermum scoparium</i>). <i>Mycological Research</i> , 1998, 102, 1009-1016.	2.5	23
42	Comparing diversity of fungi from living leaves using culturing and high-throughput environmental sequencing. <i>Mycologia</i> , 2017, 109, 1-12.	1.9	23
43	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
44	Patterns of fungal diversity in New Zealand <i>Nothofagus</i> forests. <i>Fungal Biology</i> , 2012, 116, 401-412.	2.5	21
45	Trichoderma 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
46	Checklist of fungi on teatree (<i>Kunzea</i> and <i>Leptospermum</i> species) in New Zealand. <i>New Zealand Journal of Botany</i> , 2006, 44, 293-335.	1.1	18
47	Rhytismataceae in New Zealand 3. The genus <i>Hypoderma</i> . <i>New Zealand Journal of Botany</i> , 1990, 28, 159-183.	1.1	17
48	Two new pathogenic ascomycetes in <i>Guignardia</i> and <i>Rosenscheldiella</i> on New Zealand's pygmy mistletoes (<i>Korthalsella</i> : <i>Viscaceae</i>). <i>Studies in Mycology</i> , 2011, 68, 237-247.	7.2	16
49	The phylogenetic relationships of <i>Torrendiella</i> and <i>Hymenotorrendiella</i> gen. nov. within the <i>Leotiomycetes</i> . <i>Phytotaxa</i> , 2014, 177, 1.	0.3	16
50	Fungi Associated With Gorse and Broom in New-Zealand. <i>Australasian Plant Pathology</i> , 1995, 24, 157.	1.0	15
51	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
52	<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
53	A coastal sand dune in New Zealand reveals high arbuscular mycorrhizal fungal diversity. <i>Symbiosis</i> , 2015, 66, 111-121.	2.3	14
54	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

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55	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
56	<i>Neobulgaria alba</i> sp. nov. and its <i>Phialophora</i> -like anamorph in native forests and kiwifruit orchards in New Zealand. <i>Mycotaxon</i> , 2010, 113, 385-396.	0.3	12
57	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
58	<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
59	<i>Phoma</i> on New Zealand grasses and pasture legumes. <i>New Zealand Journal of Botany</i> , 1981, 19, 173-186.	1.1	11
60	<i>Stictis</i> and its anamorphs in New Zealand. <i>New Zealand Journal of Botany</i> , 1983, 21, 249-279.	1.1	11
61	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
62	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
63	The basidiomycete genus <i>Favolaschia</i> in New Zealand. <i>New Zealand Journal of Botany</i> , 2006, 44, 65-87.	1.1	11
64	Apothecial Ancestry, Evolution, and Re-Evolution in Thelebolales (Leotiomyces, Fungi). <i>Biology</i> , 2022, 11, 583.	2.8	10
65	Checklist of fungi on nikau palm (<i>Rhopalostylis sapida</i> and <i>R. baueri</i> var. <i>cheesemanii</i>), in New Zealand. <i>New Zealand Journal of Botany</i> , 2004, 42, 335-355.	1.1	9
66	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
67	<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
68	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
69	Overview of Phacidiales, including <i>Aotearoamyces</i> gen. nov. on <i>Nothofagus</i> . <i>IMA Fungus</i> , 2018, 9, 371-382.	3.8	8
70	The genus <i>Psilocybe</i> (Agaricales) in New Zealand. <i>New Zealand Journal of Botany</i> , 1995, 33, 379-388.	1.1	7
71	Rhytismatales of Australia: the genus <i>Marthamyces</i> . <i>Australian Systematic Botany</i> , 2006, 19, 135.	0.9	7
72	Open data on fungi and bacterial plant pathogens in New Zealand. <i>Mycology</i> , 2017, 8, 59-66.	4.4	7

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73	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
74	New records of phytopathogenic fungi in the Chatham Islands, New Zealand. <i>Australasian Plant Pathology</i> , 1999, 28, 131.	1.0	6
75	Rhytismatales of Australia: the genus <i>Coccomyces</i> . <i>Australian Systematic Botany</i> , 2000, 13, 199.	0.9	6
76	<i>Torrendiella</i> (Ascomycota, Helotiales) on <i>Nothofagus</i> . <i>New Zealand Journal of Botany</i> , 2000, 38, 493-513.	1.1	6
77	Multilocus phylogenetic analysis reveals that <i>Cyttariales</i> is a synonym of <i>Helotiales</i> . <i>Mycological Progress</i> , 2021, 20, 1323-1330.	1.4	6
78	<i>Elsinoë dracophylli</i> sp. nov.. <i>New Zealand Journal of Botany</i> , 1994, 32, 519-520.	1.1	5
79	Four new <i>Pirottaea</i> species from New Zealand. <i>New Zealand Journal of Botany</i> , 1998, 36, 645-652.	1.1	5
80	<i>Hypoderma siculum</i> sp. nov. from Italy. <i>Mycotaxon</i> , 2012, 118, 393-401.	0.3	5
81	<i>Lauriomyces</i> , a New Lineage in the Leotiomyces with Three New Species. <i>Cryptogamie, Mycologie</i> , 2017, 38, 259-273.	1.0	5
82	<i>Claviradulomyces</i> , a new genus of <i>Odontotremataceae</i> from West African rainforest. <i>Fungal Biology</i> , 2010, 114, 41-48.	2.5	4
83	Vibrisseaceous fungi from the southern hemisphere, including <i>Chlorovibrissea chilensis</i> (Helotiales). <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i>	1.9	4
84	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
85	Tar 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
86	Rhytismatales of Australasia. <i>Australian Systematic Botany</i> , 2001, 14, 377.	0.9	3
87	<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
88	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
89	A bryophilous member of the Leotiomyces from New Zealand, <i>Bryoclavicus campylopigen</i> et sp. nov.. <i>New Zealand Journal of Botany</i> , 2013, 51, 321-327.	1.1	3
90	Rhytismataceae (Ascomycota) in Cuba. <i>Willdenowia</i> , 2014, 44, 65-75.	0.8	3

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91	Harorepupu aotearoa (Onygenales) gen. sp. nov.; a threatened fungus from shells of Powelliphanta and Paryphanta snails (Rhytididae). IMA Fungus, 2015, 6, 135-143.	3.8	3
92	Neocoleroa metrosideri sp. nov. (Symptoventuriaceae, Venturiales). Phytotaxa, 2016, 253, 214.	0.3	3
93	Genetic validation of historical plant pathology records – a case study based on the fungal genus <i>Phoma</i> from the ICMP culture collection. Plant Pathology, 2017, 66, 1424-1431.	2.4	3
94	<i>Phoma nigricans</i> sp. nov. and <i>P. pratorum</i> sp. nov., two common saprophytes from New Zealand. New Zealand Journal of Botany, 1981, 19, 393-396.	1.1	2
95	<i>Chaetoscypha</i> Syd. reassessed. New Zealand Journal of Botany, 2002, 40, 697-699.	1.1	2
96	Checklist of fungi on cabbage trees (Cordylinespp.) and New Zealand flaxes (Phormium spp.) in New Zealand. New Zealand Journal of Botany, 2005, 43, 119-139.	1.1	2
97	Hypocreopsis amplexens sp. nov., a rare fungus from New Zealand and Australia. New Zealand Journal of Botany, 2007, 45, 715-719.	1.1	2
98	<i>Schizophyllum commune</i> : a case study for testing the potential introduction of non-native strains into New Zealand. New Zealand Journal of Botany, 2013, 51, 286-296.	1.1	2
99	New species of <i>Marthamyces</i> and <i>Ramomarthamyces</i> gen. nov. from New Zealand and the Cook Islands. Mycotaxon, 2019, 134, 489-516.	0.3	2
100	Sphaeropezia leucocheila sp. nov. (Stictidaceae): a liverwort pathogen from New Zealand. Phytotaxa, 2019, 409, 222-226.	0.3	2
101	Brahmaculus gen. nov. (Leotiomyces, Chlorociboriaceae). MycoKeys, 2021, 80, 19-43.	1.9	2
102	Three new species and a new combination of Triblidium. MycoKeys, 2019, 60, 1-15.	1.9	2
103	<i>Blastacervulus metrosideri</i> sp. nov. Leaf Spot on <i>Metrosideros excelsa</i> in New Zealand. Fungal Systematics and Evolution, 2019, 3, 348-352.	2.2	2
104	<i>Hymenotorrendiella clelandii</i> (Leotiomyces, Helotiales, Helotiaceae) and related species from Australia and New Zealand. New Zealand Journal of Botany, 2023, 61, 1-22.	1.1	2
105	Species of the common discomycete genus <i>Bisporella</i> reassigned to at least four genera. Mycologia, 0, 1-19.	1.9	2
106	New <i>Phyllachora</i> species from <i>Myrsine</i> and <i>Rostkovia</i> from New Zealand. New Zealand Journal of Botany, 2004, 42, 921-933.	1.1	1
107	Hispidulagen. nov. (Helotiales, Hyaloscyphaceae) in Australia and New Zealand. New Zealand Journal of Botany, 2003, 41, 685-697. (2411–2414) Proposals to conserve the names <i>Pseudopeziza jaapii</i> (<i>Blumeriella jaapii</i>) against <i>Cylindrosporium padi</i> ; <i>Pyrenopeziza medicaginis</i> (<i>Leptotrochila</i>) Tj	1.1	0
108	<i>Cylindrosporium concentricum</i> (<i>Ascomycota</i> : <i>Leotiomyces</i>). Taxon, 2016, 65, 184-185.	0.7	0