

# Randolph S Currah

## List of Publications by Year in descending order

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70  
papers

2,753  
citations

172386

29  
h-index

189801

50  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2483  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfungal endophytes in roots. Canadian Journal of Botany, 2005, 83, 1-13.	1.2	212
2	Fossil ectomycorrhizae from the Middle Eocene. American Journal of Botany, 1997, 84, 410-412.	0.8	157
3	A comparative study of the effects of the root endophytes <i>Leptodontidium orchidicola</i> and <i>Phialocephala fortinii</i> (Fungi Imperfecti) on the growth of some subalpine plants in culture. Canadian Journal of Botany, 1996, 74, 1071-1078.	1.2	146
4	Interactions between mosses (Bryophyta) and fungi. Canadian Journal of Botany, 2006, 84, 1509-1519.	1.2	146
5	Suppression of Verticillium Wilt in Eggplant by Some Fungal Root Endophytes. European Journal of Plant Pathology, 2002, 108, 103-109.	0.8	126
6	Fungal endophytes from the roots of alpine and boreal Ericaceae. Canadian Journal of Botany, 1997, 75, 1570-1581.	1.2	106
7	The mycorrhizal status of the dominant vegetation along a peatland gradient in southern boreal Alberta, Canada. Wetlands, 1999, 19, 438-450.	0.7	96
8	The relative ability of fungi from Sphagnum fuscum to decompose selected carbon substrates. Canadian Journal of Microbiology, 2002, 48, 204-211.	0.8	77
9	Cretaceous and Eocene poroid hymenophores from Vancouver Island, British Columbia. Mycologia, 2004, 96, 180-186.	0.8	75
10	Distribution and molecular characterization of the root endophyte Phialocephala fortinii along an environmental gradient in the boreal forest of Alberta. Mycological Research, 2000, 104, 1213-1221.	2.5	74
11	Oidiodendron: A survey of the named species and related anamorphs of Myxotrichum. Studies in Mycology, 2005, 53, 83-120.	4.5	69
12	The genus <i>Oidiodendron</i> : species delimitation and phylogenetic relationships based on nuclear ribosomal DNA analysis. Mycologia, 1998, 90, 854-868.	0.8	67
13	Succession of microfungal assemblages in decomposing peatland plants. Plant and Soil, 2003, 250, 323-333.	1.8	67
14	Microcosm tests of the effects of temperature and microbial species number on the decomposition of Carex aquatilis and Sphagnum fuscum litter from southern boreal peatlands. Canadian Journal of Microbiology, 2004, 50, 793-802.	0.8	56
15	Microfungus communities of white spruce and trembling aspen logs at different stages of decay in disturbed and undisturbed sites in the boreal mixedwood region of Alberta. Canadian Journal of Botany, 2001, 79, 76-92.	1.2	56
16	Comparison of decomposition of belowground and aboveground plant litters in peatlands of boreal Alberta, Canada. Canadian Journal of Botany, 2001, 79, 9-22.	1.2	52
17	Phialocephala sphaeroides sp. nov., a new species among the dark septate endophytes from a boreal wetland in Canada. Canadian Journal of Botany, 2004, 82, 607-617.	1.2	51
18	Microfungi isolated from Sphagnum fuscum from a Southern Boreal Bog in Alberta, Canada. Bryologist, 2001, 104, 548-559.	0.1	50

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19	Russulaceous ectomycorrhizae of <i>Abies lasiocarpa</i> and <i>Picea engelmannii</i> . Canadian Journal of Botany, 1997, 75, 1843-1850.	1.2	46
20	Patterns of distribution of microfungi in decomposing bog and fen plants. Canadian Journal of Botany, 2004, 82, 710-720.	1.2	43
21	Patterns in the occurrence of saprophytic fungi carried by arthropods caught in traps baited with rotted wood and dung. Mycologia, 2007, 99, 7-19.	0.8	42
22	Patterns of genetic variation in <i>Phialocephala fortinii</i> across a broad latitudinal transect in Canada. Mycological Research, 2004, 108, 955-964.	2.5	40
23	<i>Heteroconium chaetospira</i> , a dark septate root endophyte allied to the Herpotrichiellaceae (Chaetothyriales) obtained from some forest soil samples in Canada using bait plants. Mycoscience, 2007, 48, 274-281.	0.3	40
24	The Genus <i>Oidiodendron</i> : Species Delimitation and Phylogenetic Relationships Based on Nuclear Ribosomal DNA Analysis. Mycologia, 1998, 90, 854.	0.8	39
25	Two new species of <i>Pseudogymnoascus</i> with <i>Geomyces</i> anamorphs and their phylogenetic relationship with <i>Gymnostellatospora</i> . Mycologia, 2006, 98, 307-318.	0.8	37
26	Comparison of decomposition of belowground and aboveground plant litters in peatlands of boreal Alberta, Canada. Canadian Journal of Botany, 2001, 79, 9-22.	1.2	35
27	In vitro decomposition of <i>Sphagnum</i> by some microfungi resembles white rot of wood. FEMS Microbiology Ecology, 2006, 56, 372-382.	1.3	35
28	<i>Hymenoscyphus ericae</i> : a new record from western Canada. Mycological Research, 1999, 103, 1391-1397.	2.5	31
29	Tetranorditerpene Lactones, Potent Antifungal Antibiotics for Human Pathogenic Yeasts, from a Unique Species of <i>Oidiodendron</i> . Chemical and Pharmaceutical Bulletin, 1999, 47, 1591-1597.	0.6	31
30	Mycorrhizal association of the extinct conifer <i>Metasequoia milleri</i> . Mycological Research, 2001, 105, 202-205.	2.5	31
31	A new species of <i>Cladophialophora</i> (hyphomycetes) from boreal and montane bryophytes. Mycological Research, 2007, 111, 106-116.	2.5	29
32	Pathogenesis of bryophyte hosts by the ascomycete <i>Atracidymella muscivora</i> . American Journal of Botany, 2009, 96, 1274-1280.	0.8	29
33	Microfungus communities of white spruce and trembling aspen logs at different stages of decay in disturbed and undisturbed sites in the boreal mixedwood region of Alberta. Canadian Journal of Botany, 2001, 79, 76-92.	1.2	28
34	Cretaceous and Eocene Poroid Hymenophores from Vancouver Island, British Columbia. Mycologia, 2004, 96, 180.	0.8	27
35	Role of selected dark septate endophyte species and other hyphomycetes as saprobes on moss gametophytes. Botany, 2011, 89, 349-359.	0.5	27
36	Two new species of <i>Pseudogymnoascus</i> with <i>Geomyces</i> anamorphs and their phylogenetic relationship with <i>Gymnostellatospora</i> . Mycologia, 2006, 98, 307-318.	0.8	26

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37	Phialide arrangement and character evolution in the helotialean anamorph genera <i>Cadophora</i> and <i>Phialocephala</i> . <i>Mycologia</i> , 2012, 104, 371-381.	0.8	24
38	New species and records of saprophytic ascomycetes (Myxotrichaceae) from decaying logs in the boreal forest. <i>Mycoscience</i> , 2000, 41, 495-502.	0.3	23
39	Saprobic and parasitic interactions of <i>Coniochaeta velutina</i> with mosses. <i>Botany</i> , 2010, 88, 258-265.	0.5	23
40	Fungi in the winter diets of northern flying squirrels and red squirrels in the boreal mixedwood forest of northeastern Alberta. <i>Canadian Journal of Botany</i> , 2000, 78, 1514-1520.	1.2	22
41	Comparative Morphology and Phylogenetic Placement of Two Microsclerotial Black Fungi from Sphagnum. <i>Mycologia</i> , 2003, 95, 959.	0.8	21
42	Profiles from Biolog FF plates and morphological characteristics support the recognition of <i>Oidiodendron fimicola</i> sp. nov.. <i>Studies in Mycology</i> , 2005, 53, 75-82.	4.5	21
43	<i>Margaretbarromyces dictyosporus</i> gen. sp. nov.: a permineralized corticolous ascomycete from the Eocene of Vancouver Island, British Columbia. <i>Mycological Research</i> , 2007, 111, 680-684.	2.5	21
44	A functional interpretation of the role of the reticuloperidium in whole-ascoma dispersal by arthropods. <i>Mycological Research</i> , 2003, 107, 77-81.	2.5	20
45	New perspectives on the niche and holomorph of the myxotrichoid hyphomycete, <i>Oidiodendron maius</i> . <i>Mycological Research</i> , 2002, 106, 1463-1467.	2.5	19
46	<i>Atradiidymella muscivora</i> gen. et sp. nov. (Pleosporales) and its anamorph <i>Phoma muscivora</i> sp. nov.: A new pleomorphic pathogen of boreal bryophytes. <i>American Journal of Botany</i> , 2009, 96, 1281-1288.	0.8	19
47	<i>Microascus brevicaulis</i> sp. nov., the Teleomorph of <i>Scopulariopsis brevicaulis</i> , Supports Placement of <i>Scopulariopsis</i> with the Microascaceae. <i>Mycologia</i> , 1998, 90, 297.	0.8	18
48	An Eocene Tar Spot on a Fossil Palm and Its Fungal Hyperparasite. <i>Mycologia</i> , 1998, 90, 667.	0.8	15
49	Morphology and Phylogenetic Placement of <i>Endoconidioma</i> , a New Endoconidial Genus from Trembling Aspen. <i>Mycologia</i> , 2004, 96, 1128.	0.8	14
50	<i>Cryptosporiopsis</i> species isolated from the roots of aspen in central Alberta: identification, morphology, and interactions with the host, in vitro This article is one of a selection of papers published in the Special Issue on Poplar Research in Canada.. <i>Canadian Journal of Botany</i> , 2007, 85, 1214-1226.	1.2	14
51	Ascoma development and phylogeny of an apothecioid dothideomycete, <i>Catinella olivacea</i> . <i>American Journal of Botany</i> , 2007, 94, 1890-1899.	0.8	13
52	Ascomatal Morphogenesis in <i>Myxotrichum arcticum</i> Supports the Derivation of the Myxotrichaceae from a Discomycetous Ancestor. <i>Mycologia</i> , 2004, 96, 627.	0.8	12
53	The Peridial Development and Dehiscence Mechanism of <i>Cryptendoxyla hypophloia</i> , a Cleistothelial Ascomycete Isolated from the Bodies of Arthropods. <i>International Journal of Plant Sciences</i> , 2004, 165, 957-964.	0.6	12
54	<i>Leptographium piriforme</i> sp. nov., from a taxonomically diverse collection of arthropods collected in an aspen-dominated forest in western Canada. <i>Mycologia</i> , 2006, 98, 771-780.	0.8	12

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55	Degradation of hydrocarbons in crude oil by the ascomycete <i>Pseudallescheria boydii</i> (Microascaceae). Canadian Journal of Microbiology, 1998, 44, 270-278.	0.8	11
56	Evidence that the gemmae of <i>Papulaspora sepedonioides</i> are neotenous perithecia in the Melanosporales. Mycologia, 2008, 100, 626-635.	0.8	10
57	Pleomorphic conidiogenesis among strains of <i>Knufia cryptophialidica</i> . Canadian Journal of Botany, 2005, 83, 510-517.	1.2	9
58	Development and dehiscence of the cephalothecoid peridium in <i>Aporothielavia leptoderma</i> shows it belongs in Chaetomidium. Mycological Research, 2007, 111, 70-77.	2.5	9
59	<i>Phialocephala urceolata</i> , sp. nov., from a commercial, water-soluble heparin solution. Mycologia, 2009, 101, 136-141.	0.8	9
60	<i>Scleroconidioma</i> , a new genus of dematiaceous Hyphomycetes. Canadian Journal of Botany, 2000, 78, 1294-1298.	1.2	7
61	In vitro degradation of the moss <i>Hylocomium splendens</i> by three pleosporalean fungi. Canadian Journal of Microbiology, 2011, 57, 382-391.	0.8	7
62	Reproductive Biology and Evidence for Water Dispersal of Teliospores in <i>Chrysomyxa weirii</i> , a Microcyclic Spruce Needle Rust. Mycologia, 2000, 92, 754.	0.8	6
63	Endoconidiogenesis in <i>Endoconidioma populi</i> and <i>Phaeotheca fissurella</i> . Mycologia, 2004, 96, 1136.	0.8	6
64	Morphology and development of the reticuloperidial ascomata of <i>Auxarthron conjugatum</i> . Mycologia, 2006, 98, 447-454.	0.8	6
65	Morphology and development of <i>Nigrosabulum globosum</i> , a cleistothecial coprophile in the Bionectriaceae (Hypocreales). Mycological Research, 2009, 113, 815-821.	2.5	6
66	Endophoma, a new didymellaceous endoconidial genus from bat-cave soil. Mycologia, 2011, 103, 1146-1155.	0.8	5
67	Clarification of the life-cycle of <i>Chrysomyxa woroninii</i> on <i>Ledum</i> and <i>Picea</i> . Mycological Research, 2000, 104, 581-586.	2.5	3
68	Evidence of apothecial ancestry in the cleistothecial ascomata of <i>Pleuroascus nicholsonii</i> . Mycological Research, 2008, 112, 1319-1326.	2.5	3
69	Endomembrane system of aspen root cells plays a key role in defense against a common fungal root endophyte, <i>Cryptosporiopsis radicola</i> . Mycologia, 2009, 101, 182-189.	0.8	3
70	In vitro measurements of the competitive interactions between two saprobic basidiomycetes on <i>Typha latifolia</i> . Canadian Journal of Botany, 2005, 83, 1523-1527.	1.2	1