Robert A Blanchette

List of Publications by Year
in descending order

204 papers	12,366 citations	34076 52 h-index	30058 103 g-index
211 all docs	211 docs citations	211 times ranked	9123 citing authors

#	Article	IF	Citations
1	The Paleozoic Origin of Enzymatic Lignin Decomposition Reconstructed from 31 Fungal Genomes. Science, 2012, 336, 1715-1719.	6.0	1,424
2	Microbial and Enzymatic Degradation of Wood and Wood Components. Springer Series in Wood Science, 1990, , .	0.8	779
3	Extensive sampling of basidiomycete genomes demonstrates inadequacy of the white-rot/brown-rot paradigm for wood decay fungi. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9923-9928.	3.3	595
4	Effects of fungal degradation on the CuO oxidation products of lignin: A controlled laboratory study. Geochimica Et Cosmochimica Acta, 1988, 52, 2717-2726.	1.6	436
5	Delignification by Wood-Decay Fungi. Annual Review of Phytopathology, 1991, 29, 381-403.	3.5	376
6	A review of microbial deterioration found in archaeological wood from different environments. International Biodeterioration and Biodegradation, 2000, 46, 189-204.	1.9	369
7	Comparative genomics of <i>Ceriporiopsis subvermispora</i> and <i>Phanerochaete chrysosporium</i> provide insight into selective ligninolysis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5458-5463.	3.3	259
8	Comparative Transcriptome and Secretome Analysis of Wood Decay Fungi <i>Postia placenta</i> and <i>Phanerochaete chrysosporium</i>. Applied and Environmental Microbiology, 2010, 76, 3599-3610.	1.4	237
9	Degradation of the lignocellulose complex in wood. Canadian Journal of Botany, 1995, 73, 999-1010.	1.2	231
10	Screening Wood Decayed by White Rot Fungi for Preferential Lignin Degradation. Applied and Environmental Microbiology, 1984, 48, 647-653.	1.4	212
11	Fungal Planet description sheets: 400â€"468. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2016, 36, 316-458.	1.6	193
12	Fungal diversity in soils and historic wood from the Ross Sea Region of Antarctica. Soil Biology and Biochemistry, 2006, 38, 3057-3064.	4.2	189
13	Fungal degradation of wood lignins: Geochemical perspectives from CuO-derived phenolic dimers and monomers. Geochimica Et Cosmochimica Acta, 1993, 57, 3985-4002.	1.6	172
14	Cell wall alterations in loblolly pine wood decayed by the white-rot fungus, Ceriporiopsis subvermispora. Journal of Biotechnology, 1997, 53, 203-213.	1.9	162
15	Assessment of 30 White Rot Basidiomycetes for Selective Lignin Degradation. Holzforschung, 1987, 41, 343-349.	0.9	156
16	Fungal Planet description sheets: 281â€"319. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2014, 33, 212-289.	1.6	143
17	Evolution of novel wood decay mechanisms in Agaricales revealed by the genome sequences of Fistulina hepatica and Cylindrobasidium torrendii. Fungal Genetics and Biology, 2015, 76, 78-92.	0.9	141
18	Fungal Planet description sheets: 371â€"399. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2015, 35, 264-327.	1.6	133

#	Article	IF	Citations
19	Distribution and abundance of soil fungi in Antarctica at sites on the Peninsula, Ross Sea Region and McMurdo Dry Valleys. Soil Biology and Biochemistry, 2011, 43, 308-315.	4.2	132
20	Fungal Planet description sheets: 558â€“624. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2017, 38, 240-384.	1.6	126
21	Wood-Destroying Soft Rot Fungi in the Historic Expedition Huts of Antarctica. Applied and Environmental Microbiology, 2004, 70, 1328-1335.	1.4	117
22	Preservation of fungi in archaeological charcoal. Journal of Archaeological Science, 2010, 37, 2106-2116.	1.2	116
23	Significant Alteration of Gene Expression in Wood Decay Fungi Postia placenta and Phanerochaete chrysosporium by Plant Species. Applied and Environmental Microbiology, 2011, 77, 4499-4507.	1.4	106
24	Associations Among Bacteria, Yeasts, and Basidiomycetes During Wood Decay. Phytopathology, 1978, 68, 631.	1.1	104
25	Manganese Accumulation in Wood Decayed by White Rot Fungi. Phytopathology, 1984, 74, 725.	1.1	103
26	Evaluating Isolates of<i>Phanerochaete chrysosporium</i>and<i>Ceriporiopsis subvermispora</i>for Use in Biological Pulping Processes. Holzforschung, 1992, 46, 109-116.	0.9	90
27	Analysis of the Phlebiopsis gigantea Genome, Transcriptome and Secretome Provides Insight into Its Pioneer Colonization Strategies of Wood. PLoS Genetics, 2014, 10, e1004759.	1.5	90
28	Biomechanical Pulping of Loblolly Pine Chips with Selected White-Rot Fungi. Holzforschung, 1993, 47, 36-40.	0.9	89
29	White-Rot Basidiomycete-Mediated Decomposition of C₆₀ Fullerol. Environmental Science & Technology, 2009, 43, 3162-3168.	4.6	89
30	Endophytic and canker-associated Botryosphaeriaceae occurring on non-native Eucalyptus and native Myrtaceae trees in Uruguay. Fungal Diversity, 2010, 41, 53-69.	4.7	89
31	An Antarctic Hot Spot for Fungi at Shackleton's Historic Hut on Cape Royds. Microbial Ecology, 2010, 60, 29-38.	1.4	87
32	Changes in structural and chemical components of wood delignified by fungi. Wood Science and Technology, 1985, 19, 35-46.	1.4	86
33	The pine-wood nematode, <i>Bursaphelenchus</i> <i>xylophilus</i>, in Minnesota and Wisconsin: insect associates and transmission studies. Canadian Journal of Forest Research, 1983, 13, 1068-1076.	0.8	85
34	A discussion of microstructural changes in wood during decomposition by white rot basidiomycetes. Canadian Journal of Botany, 1986, 64, 905-911.	1.2	85
35	Selection of white-rot fungi for biopulping. Bioresource Technology, 1988, 15, 93-101.	0.3	84
36	Structure, Organization, and Transcriptional Regulation of a Family of Copper Radical Oxidase Genes in the Lignin-Degrading Basidiomycete Phanerochaete chrysosporium. Applied and Environmental Microbiology, 2006, 72, 4871-4877.	1.4	77

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37	Detection of Lignin Peroxidase and Xylanase by Immunocytochemical Labeling in Wood Decayed by Basidiomycetes. Applied and Environmental Microbiology, 1989, 55, 1457-1465.	1.4	76
38	Phytophthora Species Associated with Diseased Woody Ornamentals in Minnesota Nurseries. Plant Disease, 2007, 91, 97-102.	0.7	75
39	Biological Degradation of Wood. Advances in Chemistry Series, 1989, , 141-174.	0.6	71
40	Distinguishing wild from cultivated agarwood (<i>Aquilaria</i> spp.) using direct analysis in real time and time ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2014, 28, 281-289.	0.7	71
41	Lignocellulose modifications by brown rot fungi and their effects, as pretreatments, on cellulolysis. Bioresource Technology, 2012, 116, 147-154.	4.8	67
42	Lignin Distribution in Cell Walls of Birch Wood Decayed by White Rot Basidiomycetes. Phytopathology, 1987, 77, 684.	1.1	65
43	Cartapipâ„¢: a biopulping product for control of pitch and resin acid problems in pulp mills. Journal of Biotechnology, 1993, 30, 115-122.	1.9	64
44	Biosorption of metal ions by <i>Armillaria</i> rhizomorphs. Canadian Journal of Botany, 1992, 70, 1515-1520.	1.2	61
45	Ultrastructural Aspects of Wood Delignification by <i>Phlebia (Merulius) tremellosus</i>. Applied and Environmental Microbiology, 1986, 52, 239-245.	1.4	60
46	Endoglucanase-producing fungi isolated from Cape Evans historic expedition hut on Ross Island, Antarctica. Environmental Microbiology, 2006, 8, 1212-1219.	1.8	57
47	Histological and anatomical responses in avocado, <i>Persea americana</i>, induced by the vascular wilt pathogen, <i>Raffaelea lauricola</i>. Botany, 2012, 90, 627-635.	0.5	57
48	Characterization of Palo Podrido, a Natural Process of Delignification in Wood. Applied and Environmental Microbiology, 1990, 56, 65-74.	1.4	57
49	Wood decomposition by <i>Phellinus</i> (<i>Fomes</i>) <i>pini</i>: a scanning electron microscopy study. Canadian Journal of Botany, 1980, 58, 1496-1503.	1.2	55
50	An evaluation of different forms of deterioration found in archaeological wood. International Biodeterioration, 1991, 28, 3-22.	0.2	55
51	Reduction of Resin Content in Wood Chips during Experimental Biological Pulping Processes. Holzforschung, 1994, 48, 285-290.	0.9	54
52	Cell wall composition and degradability of forage stems following chemical and biological delignification. Journal of the Science of Food and Agriculture, 1992, 58, 347-355.	1.7	53
53	Biodegradation of Compression Wood and Tension Wood by White and Brown Rot Fungi. Holzforschung, 1994, 48, 34-42.	0.9	53
54	Selective Delignification of Eastern Hemlock byGanoderma tsugae. Phytopathology, 1984, 74, 153.	1.1	51

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55	Comparative Studies of Delignification Caused by <i>Ganoderma</i> Species. Applied and Environmental Microbiology, 1990, 56, 1932-1943.	1.4	51
56	Biological Processing of Pine Logs for Pulp and Paper Production with Phlebiopsis gigantea. Applied and Environmental Microbiology, 1997, 63, 1995-2000.	1.4	49
57	The Use of Green-Stained Wood Caused by the Fungus<i>Chlorociboria</i>in Intarsia Masterpieces from the 15th Century. Holzforschung, 1992, 46, 225-232.	0.9	48
58	Soft-Rot Fungal Degradation of Lignin in 2700 Year Old Archaeological Woods. Holzforschung, 1995, 49, 1-10.	0.9	48
59	Effect of white rot basidiomycetes on chemical composition and in vitro digestibility of oat straw and alfalfa stems. Journal of Animal Science, 1992, 70, 1928-1935.	0.2	47
60	Investigations of fungal diversity in wooden structures and soils at historic sites on the Antarctic PeninsulaThis article is one of a selection of papers in the Special Issue on Polar and Alpine Microbiology.. Canadian Journal of Microbiology, 2009, 55, 46-56.	0.8	47
61	Distribution of Armillaria ostoyae genets in a Pinus resinosa â€“ Pinus banksiana forest. Canadian Journal of Botany, 1995, 73, 776-787.	1.2	46
62	Melanin and perithecial development inOphiostoma piliferum. Mycologia, 1995, 87, 857-863.	0.8	45
63	Fungal delignification and biomechanical pulping of wood. Advances in Biochemical Engineering/Biotechnology, 1997, , 159-195.	0.6	45
64	Transcriptome and Secretome Analyses of the Wood Decay Fungus Wolfiporia cocos Support Alternative Mechanisms of Lignocellulose Conversion. Applied and Environmental Microbiology, 2016, 82, 3979-3987.	1.4	44
65	Delignification of Wood Chips and Pulps by Using Natural and Synthetic Porphyrins: Models of Fungal Decay. Applied and Environmental Microbiology, 1988, 54, 62-68.	1.4	44
66	Patterns of decay caused by <i>Inonotus dryophilus</i> (Aphyllophorales: Hymenochaetaceae), a white-pocket rot fungus of oaks. Canadian Journal of Botany, 1982, 60, 2770-2779.	1.2	43
67	Decay of date palm wood by white-rot and brown-rot fungi. Canadian Journal of Botany, 1991, 69, 615-629.	1.2	43
68	Nitrogen cycling by wood decomposing soft-rot fungi in the "King Midas tomb," Gordion, Turkey. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 13346-13350.	3.3	43
69	Environmental factors influencing microbial growth inside the historic expedition huts of Ross Island, Antarctica. International Biodeterioration and Biodegradation, 2005, 55, 45-53.	1.9	43
70	Fungal colonization of exotic substrates in Antarctica. Fungal Diversity, 2011, 49, 13-22.	4.7	43
71	Fungal Diversity in Antarctic Soils. , 2014, , 35-53.		43
72	Arctic driftwood reveals unexpectedly rich fungal diversity. Fungal Ecology, 2016, 23, 58-65.	0.7	43

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73	Oxidative enzymatic response of white-rot fungi to single-walled carbon nanotubes. Environmental Pollution, 2014, 193, 197-204.	3.7	42
74	Elucidating "lucidum": Distinguishing the diverse laccate Ganoderma species of the United States. PLoS ONE, 2018, 13, e0199738.	1.1	42
75	Biological Control of Blue-Stain Fungi in Wood. Phytopathology, 1995, 85, 92.	1.1	42
76	Assessment of Deterioration in Archaeological Wood from Ancient Egypt. Journal of the American Institute for Conservation, 1994, 33, 55-70.	0.2	40
77	Deception Island, Antarctica, harbors a diverse assemblage of wood decay fungi. Fungal Biology, 2017, 121, 145-157.	1.1	40
78	Melanin and Perithecial Development in Ophiostoma piliferum. Mycologia, 1995, 87, 857.	0.8	39
79	Protection of spruce from colonization by the bark beetle, Ips perturbatus, in Alaska. Forest Ecology and Management, 2008, 256, 1825-1839.	1.4	39
80	Bacterial Biodegradation of Extractives and Patterns of Bordered Pit Membrane Attack in Pine Wood. Applied and Environmental Microbiology, 2000, 66, 5201-5205.	1.4	38
81	A rapid technique using epoxy resin Quetol 651 to prepare woody plant tissues for ultrastructural study. Canadian Journal of Botany, 1988, 66, 677-682.	1.2	37
82	Tracing the origin of Arctic driftwood. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 68-76.	1.3	37
83	Screening fungi isolated from historic<i>Discovery</i>Hut on Ross Island, Antarctica for cellulose degradation. Antarctic Science, 2008, 20, 463-470.	0.5	36
84	Survey of potential sapstain fungi onPinus radiatain New Zealand. New Zealand Journal of Botany, 2005, 43, 653-663.	0.8	35
85	Identifying the â€œMushroom of Immortalityâ€ Assessing the Ganoderma Species Composition in Commercial Reishi Products. Frontiers in Microbiology, 2018, 9, 1557.	1.5	35
86	Anatomical Responses of Xylem to Injury and Invasion by Fungi. Springer Series in Wood Science, 1992, , 76-95.	0.8	35
87	Breakdown of Douglas-fir phloem by a lignocellulose-degradingStreptomyces. Current Microbiology, 1979, 2, 123-126.	1.0	34
88	Refiner Mechanical and Biomechanical Pulping of Jute. Holzforschung, 1995, 49, 537-544.	0.9	34
89	Defibration of wood in the expedition huts of Antarctica: an unusual deterioration process occurring in the polar environment. Polar Record, 2002, 38, 313-322.	0.4	34
90	Introduced and indigenous fungi of the Ross Island historic huts and pristine areas of Antarctica. Polar Biology, 2011, 34, 1669-1677.	0.5	34

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91	Ultrastructural Localization of Hemicellulose in Birch Wood <i>(Betula papyrifera)</i> Decayed by Brown and White Rot Fungi. Holzforschung, 1988, 42, 393-398.	0.9	33
92	Molecular and morphological characterization of the willow rust fungus,<i>Melampsora epitea,</i>from arctic and temperate hosts in North America. Mycologia, 2004, 96, 1330-1338.	0.8	33
93	Proteomic Comparison of Needles from Blister Rust-Resistant and Susceptible Pinus strobus Seedlings Reveals UpRegulation of Putative Disease Resistance Proteins. Molecular Plant-Microbe Interactions, 2006, 19, 150-160.	1.4	33
94	Cadopherone and colomitide polyketides from Cadophora wood-rot fungi associated with historic expedition huts in Antarctica. Phytochemistry, 2018, 148, 1-10.	1.4	33
95	Using Wood Rot Phenotypes to Illuminate the â€œGrayâ€•Among Decomposer Fungi. Frontiers in Microbiology, 2020, 11, 1288.	1.5	33
96	Ultrastructural characterization of wood from Tertiary fossil forests in the Canadian Arctic. Canadian Journal of Botany, 1991, 69, 560-568.	1.2	32
97	<i>Xylobolus frustulatus</i> Decay of Oak: Patterns of Selective Delignification and Subsequent Cellulose Removal. Applied and Environmental Microbiology, 1984, 47, 670-676.	1.4	32
98	Mineralization of alachlor by lignin-degrading fungi. Canadian Journal of Microbiology, 1994, 40, 795-798.	0.8	31
99	Albino Strains of Ophiostoma Species for Biological Control of Sapstaining Fungi. Holzforschung, 2003, 57, 237-242.	0.9	31
100	Colloidal Gold Cytochemistry of Endo-1,4-Î²-Glucanase, 1,4-Î²- D -Glucan Cellobiohydrolase, and Endo-1,4-Î²-Xylanase: Ultrastructure of Sound and Decayed Birch Wood. Applied and Environmental Microbiology, 1989, 55, 2293-2301.	1.4	31
101	Ultrastructure of Ancient Buried Wood from Japan. Holzforschung, 1991, 45, 161-168.	0.9	30
102	Assessment of fungal diversity and deterioration in a wooden structure at New Harbor, Antarctica. Polar Biology, 2006, 29, 526-531.	0.5	30
103	Deterioration, decay and identification of fungi isolated from wooden structures at the Humberstone and Santa Laura saltpeter works: AÂworld heritage site in Chile. International Biodeterioration and Biodegradation, 2014, 86, 309-316.	1.9	30
104	Epicuticular Wax and White Pine Blister Rust Resistance in Resistant and Susceptible Selections of Eastern White Pine (Pinus strobus). Phytopathology, 2006, 96, 171-177.	1.1	29
105	Influence of Populus Genotype on Gene Expression by the Wood Decay Fungus Phanerochaete chrysosporium. Applied and Environmental Microbiology, 2014, 80, 5828-5835.	1.4	28
106	Soudanones Aâ€“G: Antifungal Isochromanones from the Ascomycetous Fungus <i>Cadophora</i> sp. Isolated from an Iron Mine. Journal of Natural Products, 2015, 78, 1456-1460.	1.5	28
107	Wood degradation by <i>Phellinus noxius</i>: ultrastructure and cytochemistry. Canadian Journal of Microbiology, 1995, 41, 253-265.	0.8	27
108	Selective Delignification of Aspen Wood Blocks In Vitro by Three White Rot Basidiomycetes. Applied and Environmental Microbiology, 1985, 50, 568-572.	1.4	27

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109	Puccinia psidii infecting cultivated Eucalyptus and native myrtaceae in Uruguay. Mycological Progress, 2011, 10, 273-282.	0.5	26
110	Actinomycetes in discolored wood of living silver maple. Canadian Journal of Botany, 1981, 59, 1-7.	1.2	25
111	Nineteenth Century Shaman Grave Guardians are Carved <i>Fomitopsis Officinalis</i> Sporophores. Mycologia, 1992, 84, 119-124.	0.8	25
112	Mycosphaerellaceae and Teratosphaeriaceae associated with <i>Eucalyptus</i> leaf diseases and stem cankers in Uruguay. Forest Pathology, 2009, 39, 349-360.	0.5	25
113	Monitoring and identification of airborne fungi at historic locations on Ross Island, Antarctica. Polar Science, 2010, 4, 275-283.	0.5	25
114	Climate, decay, and the death of the coal forests. Current Biology, 2016, 26, R563-R567.	1.8	25
115	Environmental pollutants from the Scott and Shackleton expeditions during the â€˜Heroic Ageâ€™ of Antarctic exploration. Polar Record, 2004, 40, 143-151.	0.4	24
116	Fungal diversity and deterioration in mummified woods from the ad Astra Ice Cap region in the Canadian High Arctic. Polar Biology, 2009, 32, 751-758.	0.5	24
117	Elucidating wood decomposition by four species of Ganoderma from the United States. Fungal Biology, 2018, 122, 254-263.	1.1	24
118	Lignin Distribution in Wood Delignified by White-Rot Fungi: X-Ray Microanalysis of Decayed Wood Treated with Bromine. Holzforschung, 1988, 42, 281-288.	0.9	23
119	Cryptococcus vaughanmartiniae sp. nov. and Cryptococcus onofrii sp. nov.: two new species isolated from worldwide cold environments. Extremophiles, 2015, 19, 149-159.	0.9	23
120	Canker formation and decay in sugar maple and paper birch infected by <i>Cerrena</i><i>unicolor</i>. Canadian Journal of Forest Research, 1989, 19, 225-231.	0.8	22
121	Investigations of Biodeterioration by Fungi in Historic Wooden Churches of ChiloÃ©, Chile. Microbial Ecology, 2014, 67, 568-575.	1.4	22
122	Unexpected Metabolic Versatility in a Combined Fungal Fomannoxin/Vibralactone Biosynthesis. Journal of Natural Products, 2016, 79, 1407-1414.	1.5	22
123	Substrate-Specific Differential Gene Expression and RNA Editing in the Brown Rot Fungus Fomitopsis pinicola. Applied and Environmental Microbiology, 2018, 84, .	1.4	22
124	Chemical Characterization of a Red Pigment (5,8-Dihydroxy-2,7-Dimethoxy-1,4-Naphthalenedione) Produced byArthrographis cuboideain Pink Stained Wood. Holzforschung, 1995, 49, 407-410.	0.9	21
125	Colocalizing incipient reactions in wood degraded by the brown rot fungus Postia placenta. International Biodeterioration and Biodegradation, 2013, 83, 56-62.	1.9	20
126	Decay and canker formation by <i>Phellinus</i><i>pini</i> in white and balsam fir. Canadian Journal of Forest Research, 1982, 12, 538-544.	0.8	19

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127	Selective Delignification of Birch Wood<i>(Betula papyrifera)</i>by<i>Hirschioporus pargamenus</i>in the Field and Laboratory. Holzforschung, 1986, 40, 183-190.	0.9	19
128	<i>Neofusicoccum eucalyptorum</i>, a <i>Eucalyptus</i> pathogen, on native Myrtaceae in Uruguay. Plant Pathology, 2009, 58, 964-970.	1.2	19
129	Draft genome sequence of a monokaryotic model brown-rot fungus Postia (Rhodonia) placenta SB12. Genomics Data, 2017, 14, 21-23.	1.3	19
130	Resource capture and competitive ability of non-pathogenic Pseudogymnoascus spp. and P. destructans, the cause of white-nose syndrome in bats. PLoS ONE, 2017, 12, e0178968.	1.1	19
131	Assessment of biodegradation in ancient archaeological wood from the Middle Cemetery at Abydos, Egypt. PLoS ONE, 2019, 14, e0213753.	1.1	19
132	An integrated approach, using biological and chemical control, to prevent blue stain in pine logs. Canadian Journal of Botany, 1995, 73, 613-619.	1.2	18
133	Biological Control of Blue Stain Fungi onPopulus tremuloidesUsing SelectedOphiostomaIsolates. Holzforschung, 1998, 52, 234-240.	0.9	18
134	Histology of White Pine Blister Rust in Needles of Resistant and Susceptible Eastern White Pine. Plant Disease, 2003, 87, 1026-1030.	0.7	18
135	Soft Rot and Wood Pseudomorphs in an Ancient Coffin (700 Bc) From Tumulus Mm at Gordion, Turkey. IAWA Journal, 1992, 13, 201-213.	2.7	17
136	Species of Mycosphaerellaceae and Teratosphaeriaceae on native Myrtaceae in Uruguay: evidence of fungal host jumps. Fungal Biology, 2013, 117, 94-102.	1.1	17
137	<i>Aurantioporthe corni</i>gen. et comb. nov., an endophyte and pathogen of<i>Cornus alternifolia</i>. Mycologia, 2015, 107, 66-79.	0.8	17
138	Fungal attack on archaeological wooden artefacts in the Arcticâ€"implications in a changing climate. Scientific Reports, 2020, 10, 14577.	1.6	17
139	Fungi attacking historic wood of Fort Conger and the Peary Huts in the High Arctic. PLoS ONE, 2021, 16, e0246049.	1.1	17
140	Assessment of Deterioration in Archaeological Wood from Ancient Egypt. Journal of the American Institute for Conservation, 1994, 33, 55.	0.2	17
141	An Unusual Decay Pattern in Brown-Rotted Wood. Mycologia, 1983, 75, 552-556.	0.8	16
142	Wood deterioration in Chacoan great houses of the southwestern United States. Conservation and Management of Archaeological Sites, 2004, 6, 203-212.	0.9	16
143	Injury-Induced Biosynthesis of Methyl-Branched Polyene Pigments in a White-Rotting Basidiomycete. Journal of Natural Products, 2014, 77, 2658-2663.	1.5	16
144	Diverse subterranean fungi of an underground iron ore mine. PLoS ONE, 2020, 15, e0234208.	1.1	16

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145	Haploporus odorus: A sacred fungus in traditional Native American culture of the northern plains. Mycologia, 1997, 89, 233-240.	0.8	15
146	Discovery of the eucalypt pathogenQuambalaria eucalyptiinfecting a non-Eucalyptushost in Uruguay. Australasian Plant Pathology, 2008, 37, 600.	0.5	15
147	Three new genera of fungi from extremely acidic soils. Mycological Progress, 2014, 13, 819.	0.5	15
148	American elm cultivars: Variation in compartmentalization of infection by <i>Ophiostoma novoâ€ulmi</i> and its effects on hydraulic conductivity. Forest Pathology, 2017, 47, e12369.	0.5	15
149	Fungal symbionts of bark and ambrosia beetles can suppress decomposition of pine sapwood by competing with wood-decay fungi. Fungal Ecology, 2020, 45, 100926.	0.7	15
150	First Report of Dieback and Leaf Lesions on Rhododendron sp. Caused by Phytophthora hedraiandra in the United States. Plant Disease, 2006, 90, 109-109.	0.7	15
151	Metal Ion Adsorption by Pseudosclerotial Plates of Phellinus weirii. Mycologia, 1996, 88, 98.	0.8	14
152	Armillaria species on small woody plants, small woody debris, and root fragments in red pine stands. Canadian Journal of Forest Research, 2005, 35, 1487-1495.	0.8	14
153	Ultrastructural Aspects of the Conidium Cell Wall of Sphaeropsis Sapinea. Mycologia, 1986, 78, 960-963.	0.8	13
154	Haploporus odorus: A Sacred Fungus in Traditional Native American Culture of the Northern Plains. Mycologia, 1997, 89, 233.	0.8	13
155	The current use of Phellinus igniarius by the Eskimos of Western Alaska. The Mycologist, 2002, 16, .	0.5	13
156	An Unusual Decay Pattern in Brown-Rotted Wood. Mycologia, 1983, 75, 552.	0.8	12
157	New directions in forest products pathology. Canadian Journal of Plant Pathology, 1987, 9, 361-369.	0.8	11
158	Metal ion adsorption by pseudosclerotial plates ofPhellinus weirii. Mycologia, 1996, 88, 98-103.	0.8	11
159	Alvar and Butvar: The Use of Polyvinyl Acetal Resins for the Treatment of the Wooden Artifacts from Gordion, Turkey. Journal of the American Institute for Conservation, 2001, 40, 43-57.	0.2	11
160	Antifungal Norditerpene Oidiolactones from the Fungus <i>Oidiodendron truncatum</i>, a Potential Biocontrol Agent for White-Nose Syndrome in Bats. Journal of Natural Products, 2020, 83, 344-353.	1.5	11
161	Nineteenth Century Shaman Grave Guardians Are Carved Fomitopsis officinalis Sporophores. Mycologia, 1992, 84, 119.	0.8	10
162	Characterization of archaeological waterlogged wooden objects exposed on the hyper-saline Dead Sea shore. Journal of Archaeological Science: Reports, 2016, 9, 73-86.	0.2	10

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163	Pathogenicity of <i>Ganoderma</i> Species on Landscape Trees in the Southeastern United States. Plant Disease, 2018, 102, 1944-1949.	0.7	10
164	Defence responses in the xylem ofUlmus americanacultivars after inoculation withOphiostoma novoâ€ulmi. Forest Pathology, 2018, 48, e12453.	0.5	10
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