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	Conservation of Severely Deteriorated, Dry Painted Wood: A Case Study From Abydos, Egypt. Journal of the American Institute for Conservation, 2022, 61, 254-274.	0.2	2
2	Blue stain fungi infecting an 84â€millionâ€yearâ€old conifer from South Africa. New Phytologist, 2022, 233, 1032-1037.	3.5	3
3	New Findings on the Biology and Ecology of the Ecuadorian Amazon Fungus Polyporus leprieurii var. yasuniensis. Journal of Fungi (Basel, Switzerland), 2022, 8, 203.	1.5	3
4	Grapevine trunk diseases of cold-hardy varieties grown in Northern Midwest vineyards coincide with canker fungi and winter injury. PLoS ONE, 2022, 17, e0269555.	1.1	9
5	Variation in xylem characteristics of botanical races of Persea americana and their potential influence on susceptibility to the pathogen Raffaelea lauricola. Tropical Plant Pathology, 2021, 46, 232-239.	0.8	5
6	Detecting Heterobasidion irregulare in Minnesota and Assessment of Indigenous Fungi on Pines. Forests, 2021, 12, 57.	0.9	5
7	Fungi attacking historic wood of Fort Conger and the Peary Huts in the High Arctic. PLoS ONE, 2021, 16, e0246049.	1.1	17
8	Fungal mycelial mats used as textile by indigenous people of North America. Mycologia, 2021, 113, 261-267.	0.8	7
9	Fungi associated with galleries of the emerald ash borer. Fungal Biology, 2021, 125, 551-559.	1.1	7
10	Taxonomy of the major rhizomorphic species of the â€œMelanopus groupâ€•within Polyporaceae in YasunÃ- National Park, Ecuador. PLoS ONE, 2021, 16, e0254567.	1.1	5
11	Fungi from Galleries of the Emerald Ash Borer Produce Cankers in Ash Trees. Forests, 2021, 12, 1509.	0.9	4
12	RNA-editing in Basidiomycota, revisited. ISME Communications, 2021, 1, .	1.7	2
13	Fungal Diversity in Multiple Post-harvest Aged Red Pine Stumps and Their Potential Influence on Heterobasidion Root Rot in Managed Stands Across Minnesota. Frontiers in Fungal Biology, 2021, 2, .	0.9	2
14	Fungal attack on archaeological wooden artefacts in the Arcticâ€"implications in a changing climate. Scientific Reports, 2020, 10, 14577.	1.6	17
15	Diverse subterranean fungi of an underground iron ore mine. PLoS ONE, 2020, 15, e0234208.	1.1	16
16	Using Wood Rot Phenotypes to Illuminate the â€œGrayâ€•Among Decomposer Fungi. Frontiers in Microbiology, 2020, 11, 1288.	1.5	33
17	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
18	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

#	Article	IF	Citations
19	Xylem characteristics in <i>Ulmus americana</i> cultivars and their potential use as a preliminary screening method for Dutch elm disease resistance. Forest Pathology, 2020, 50, e12638.	0.5	5
20	Chaetomium as Potential Soft Rot Degrader of Woody and Papery Cultural Heritage. Fungal Biology, 2020, , 395-419.	0.3	1
21	Cultural characterization and chlamydospore function of the Ganodermataceae present in the eastern United States. Mycologia, 2019, 111, 1-12.	0.8	10
22	Assessment of biodegradation in ancient archaeological wood from the Middle Cemetery at Abydos, Egypt. PLoS ONE, 2019, 14, e0213753.	1.1	19
23	Pathogenicity of <i>Ganoderma</i> Species on Landscape Trees in the Southeastern United States. Plant Disease, 2018, 102, 1944-1949.	0.7	10
24	Elucidating wood decomposition by four species of Ganoderma from the United States. Fungal Biology, 2018, 122, 254-263.	1.1	24
25	Cadopherone and colomitide polyketides from Cadophora wood-rot fungi associated with historic expedition huts in Antarctica. Phytochemistry, 2018, 148, 1-10.	1.4	33
26	New record of Chaetomium grande Asgari & Zare (Chaetomiaceae) for the Egyptian and African mycobiota. Phytotaxa, 2018, 343, 283.	0.1	7
27	Occurrence of European Tar Spot (<i>Rhytisma acerinum</i>) on Norway Maple (<i>Acer) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.7	4
28	Defence responses in the xylem ofUlmus americanacultivars after inoculation withOphiostoma novoâ€ulmi. Forest Pathology, 2018, 48, e12453.	0.5	10
29	Identifying the â€œMushroom of Immortalityâ€: Assessing the Ganoderma Species Composition in Commercial Reishi Products. Frontiers in Microbiology, 2018, 9, 1557.	1.5	35
30	Elucidating "lucidum": Distinguishing the diverse laccate Ganoderma species of the United States. PLoS ONE, 2018, 13, e0199738.	1.1	42
31	Substrate-Specific Differential Gene Expression and RNA Editing in the Brown Rot Fungus Fomitopsis pinicola. Applied and Environmental Microbiology, 2018, 84, .	1.4	22
32	The gilled mushroom Amanita spissacea (Amanitaceae): a new report for India. Journal of Threatened Taxa, 2018, 10, 12413-12417.	0.1	3
33	Deception Island, Antarctica, harbors a diverse assemblage of wood decay fungi. Fungal Biology, 2017, 121, 145-157.	1.1	40
34	Draft genome sequence of a monokaryotic model brown-rot fungus Postia (Rhodonia) placenta SB12. Genomics Data, 2017, 14, 21-23.	1.3	19
35	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
36	Fungal Planet description sheets: 558â€“624. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2017, 38, 240-384.	1.6	126

#	Article	IF	Citations
37	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
38	Unexpected Metabolic Versatility in a Combined Fungal Fomannoxin/Vibralactone Biosynthesis. Journal of Natural Products, 2016, 79, 1407-1414.	1.5	22
39	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
40	Fungal Planet description sheets: 400â€"468. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2016, 36, 316-458.	1.6	193
41	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
42	Arctic driftwood reveals unexpectedly rich fungal diversity. Fungal Ecology, 2016, 23, 58-65.	0.7	43
43	Climate, decay, and the death of the coal forests. Current Biology, 2016, 26, R563-R567.	1.8	25
44	Fungal Planet description sheets: 371â€"399. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2015, 35, 264-327.	1.6	133
45	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
46	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
47	<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
48	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
49	First Report of <i>Heterobasidion irregulare</i> Causing Root Rot and Mortality of Red Pines in Minnesota. Plant Disease, 2015, 99, 1038-1038.	0.7	8
50	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
51	Fungal Diversity in Antarctic Soils. , 2014, , 35-53.		43
52	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
53	Fungal Planet description sheets: 281â€"319. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2014, 33, 212-289.	1.6	143
54	Oxidative enzymatic response of white-rot fungi to single-walled carbon nanotubes. Environmental Pollution, 2014, 193, 197-204.	3.7	42

#	Article	IF	Citations
55	Injury-Induced Biosynthesis of Methyl-Branched Polyene Pigments in a White-Rotting Basidiomycete. Journal of Natural Products, 2014, 77, 2658-2663.	1.5	16
56	Investigations of Biodeterioration by Fungi in Historic Wooden Churches of ChiloÃ©, Chile. Microbial Ecology, 2014, 67, 568-575.	1.4	22
57	Three new genera of fungi from extremely acidic soils. Mycological Progress, 2014, 13, 819.	0.5	15
58	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
59	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
60	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
61	Tracing the origin of Arctic driftwood. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 68-76.	1.3	37
62	Colocalizing incipient reactions in wood degraded by the brown rot fungus Postia placenta. International Biodeterioration and Biodegradation, 2013, 83, 56-62.	1.9	20
63	Species of Mycosphaerellaceae and Teratosphaeriaceae on native Myrtaceae in Uruguay: evidence of fungal host jumps. Fungal Biology, 2013, 117, 94-102.	1.1	17
64	White rot Basidiomycetes isolated from ChiloÃ© National Park in Los Lagos region, Chile. Antonie Van Leeuwenhoek, 2013, 104, 1193-1203.	0.7	6
65	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
66	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
67	The Paleozoic Origin of Enzymatic Lignin Decomposition Reconstructed from 31 Fungal Genomes. Science, 2012, 336, 1715-1719.	6.0	1,424
68	Lignocellulose modifications by brown rot fungi and their effects, as pretreatments, on cellulolysis. Bioresource Technology, 2012, 116, 147-154.	4.8	67
69	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
70	Introduced and indigenous fungi of the Ross Island historic huts and pristine areas of Antarctica. Polar Biology, 2011, 34, 1669-1677.	0.5	34
71	Fungal colonization of exotic substrates in Antarctica. Fungal Diversity, 2011, 49, 13-22.	4.7	43
72	Puccinia psidii infecting cultivated Eucalyptus and native myrtaceae in Uruguay. Mycological Progress, 2011, 10, 273-282.	0.5	26

#	Article	IF	Citations
73	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
74	An Antarctic Hot Spot for Fungi at Shackleton's Historic Hut on Cape Royds. Microbial Ecology, 2010, 60, 29-38.	1.4	87
75	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
76	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
77	Monitoring and identification of airborne fungi at historic locations on Ross Island, Antarctica. Polar Science, 2010, 4, 275-283.	0.5	25
78	Preservation of fungi in archaeological charcoal. Journal of Archaeological Science, 2010, 37, 2106-2116.	1.2	116
79	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
80	A further note on a sealer's sledge, discovered on Livingston Island, South Shetland Islands. Polar Record, 2009, 45, 275-275.	0.4	4
81	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
82	<i>Neofusicoccum eucalyptorum</i>, a <i>Eucalyptus</i> pathogen, on native Myrtaceae in Uruguay. Plant Pathology, 2009, 58, 964-970.	1.2	19
83	Histopathology of primary needles and mortality associated with white pine blister rust in resistant and susceptible <i>Pinus strobus</i>. Forest Pathology, 2009, 39, 361-376.	0.5	8
84	Mycosphaerellaceae and Teratosphaeriaceae associated with <i>Eucalyptus</i> leaf diseases and stem cankers in Uruguay. Forest Pathology, 2009, 39, 349-360.	0.5	25
85	White-Rot Basidiomycete-Mediated Decomposition of C₆₀ Fullerol. Environmental Science & Technology, 2009, 43, 3162-3168.	4.6	89
86	Discovery of the eucalypt pathogenQuambalaria eucalyptiinfecting a non-Eucalyptushost in Uruguay. Australasian Plant Pathology, 2008, 37, 600.	0.5	15
87	Protection of spruce from colonization by the bark beetle, Ips perturbatus, in Alaska. Forest Ecology and Management, 2008, 256, 1825-1839.	1.4	39
88	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
89	Host Range Investigations of New, Undescribed, and Common Phytophthora spp. Isolated from Ornamental Nurseries in Minnesota. Plant Disease, 2008, 92, 642-647.	0.7	8
90	Black Currant Clonal Identity and White Pine Blister Rust Resistance. Hortscience: A Publication of the American Society for Hortcultural Science, 2008, 43, 200-202.	0.5	3

#	ARTICLE	IF	CITATIONS
91	Microbes Can Damage but Also Help Restore Artifacts. Microbe Magazine, 2008, 3, 563-567.	0.4	2
92	Phytophthora Species Associated with Diseased Woody Ornamentals in Minnesota Nurseries. Plant Disease, 2007, 91, 97-102.	0.7	75
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	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
95	Endoglucanase-producing fungi isolated from Cape Evans historic expedition hut on Ross Island, Antarctica. Environmental Microbiology, 2006, 8, 1212-1219.	1.8	57
96	Assessment of fungal diversity and deterioration in a wooden structure at New Harbor, Antarctica. Polar Biology, 2006, 29, 526-531.	0.5	30
97	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
98	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
99	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
100	Survey of potential sapstain fungi onPinus radiatain New Zealand. New Zealand Journal of Botany, 2005, 43, 653-663.	0.8	35
101	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
102	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
103	Wood-Destroying Soft Rot Fungi in the Historic Expedition Huts of Antarctica. Applied and Environmental Microbiology, 2004, 70, 1328-1335.	1.4	117
104	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
105	Wood deterioration in Chacoan great houses of the southwestern United States. Conservation and Management of Archaeological Sites, 2004, 6, 203-212.	0.9	16
106	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
107	Albino Strains of Ophiostoma Species for Biological Control of Sapstaining Fungi. Holzforschung, 2003, 57, 237-242.	0.9	31
108	Histology of White Pine Blister Rust in Needles of Resistant and Susceptible Eastern White Pine. Plant Disease, 2003, 87, 1026-1030.	0.7	18

#	Article	IF	Citations
109	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
110	Etiology of Bronze Leaf Disease of Populus. Plant Disease, 2002, 86, 462-469.	0.7	7
111	The current use of Phellinus igniarius by the Eskimos of Western Alaska. The Mycologist, 2002, 16, .	0.5	13
112	Differentiating Aspen and Cottonwood in Prehistoric Wood from Chacoan Great House Ruins. Journal of Archaeological Science, 2002, 29, 521-527.	1.2	8
113	Etiology of Red Stain in Boxelder. Plant Health Progress, 2002, 3, .	0.8	3
114	Fungus ashes and tobacco: the use of Phellinus igniarius by the indigenous people of North America. The Mycologist, 2001, 15, 4-9.	0.5	8
115	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
116	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
117	Biological Control of Blue Stain in Pulpwood: Mechanisms of Control used by Phlebiopsis gigantea. Holzforschung, 2001, 55, 238-245.	0.9	6
118	A review of microbial deterioration found in archaeological wood from different environments. International Biodeterioration and Biodegradation, 2000, 46, 189-204.	1.9	369
119	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
120	Biological Control of Blue Stain Fungi onPopulus tremuloidesUsing SelectedOphiostomaIsolates. Holzforschung, 1998, 52, 234-240.	0.9	18
121	Haploporus odorus: A Sacred Fungus in Traditional Native American Culture of the Northern Plains. Mycologia, 1997, 89, 233.	0.8	13
122	The Conservation of a Fossil Tree Trunk. Studies in Conservation, 1997, 42, 74.	0.6	2
123	The conservation of a fossil tree trunk. Studies in Conservation, 1997, 42, 74-82.	0.6	7
124	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
125	Haploporus odorus: A sacred fungus in traditional Native American culture of the northern plains. Mycologia, 1997, 89, 233-240.	0.8	15
126	Fungal delignification and biomechanical pulping of wood. Advances in Biochemical Engineering/Biotechnology, 1997, , 159-195.	0.6	45

#	Article	IF	Citations
127	Biological Processing of Pine Logs for Pulp and Paper Production with Phlebiopsis gigantea. Applied and Environmental Microbiology, 1997, 63, 1995-2000.	1.4	49
128	Metal ion adsorption by pseudosclerotial plates ofPhellinus weirii. Mycologia, 1996, 88, 98-103.	0.8	11
129	Metal Ion Adsorption by Pseudosclerotial Plates of Phellinus weirii. Mycologia, 1996, 88, 98.	0.8	14
130	Melanin and perithecial development inOphiostoma piliferum. Mycologia, 1995, 87, 857-863.	0.8	45
131	Wood degradation by <i>Phellinus noxius</i>: ultrastructure and cytochemistry. Canadian Journal of Microbiology, 1995, 41, 253-265.	0.8	27
132	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
133	Soft-Rot Fungal Degradation of Lignin in 2700 Year Old Archaeological Woods. Holzforschung, 1995, 49, 1-10.	0.9	48
134	Melanin and Perithecial Development in Ophiostoma piliferum. Mycologia, 1995, 87, 857.	0.8	39
135	Refiner Mechanical and Biomechanical Pulping of Jute. Holzforschung, 1995, 49, 537-544.	0.9	34
136	Degradation of the lignocellulose complex in wood. Canadian Journal of Botany, 1995, 73, 999-1010.	1.2	231
137	Distribution of Armillaria ostoyae genets in a Pinus resinosa â€“ Pinus banksiana forest. Canadian Journal of Botany, 1995, 73, 776-787.	1.2	46
138	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
139	Biological Control of Blue-Stain Fungi in Wood. Phytopathology, 1995, 85, 92.	1.1	42
140	Mineralization of alachlor by lignin-degrading fungi. Canadian Journal of Microbiology, 1994, 40, 795-798.	0.8	31
141	Assessment of Deterioration in Archaeological Wood from Ancient Egypt. Journal of the American Institute for Conservation, 1994, 33, 55-70.	0.2	40
142	Biodegradation of Compression Wood and Tension Wood by White and Brown Rot Fungi. Holzforschung, 1994, 48, 34-42.	0.9	53
143	Reduction of Resin Content in Wood Chips during Experimental Biological Pulping Processes. Holzforschung, 1994, 48, 285-290.	0.9	54
144	Assessment of Deterioration in Archaeological Wood from Ancient Egypt. Journal of the American Institute for Conservation, 1994, 33, 55.	0.2	17

#	Article	IF	Citations
145	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
146	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
147	Biomechanical Pulping of Loblolly Pine Chips with Selected White-Rot Fungi. Holzforschung, 1993, 47, 36-40.	0.9	89
148	Nineteenth Century Shaman Grave Guardians Are Carved Fomitopsis officinalis Sporophores. Mycologia, 1992, 84, 119.	0.8	10
149	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
150	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
151	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
152	Biosorption of metal ions by <i>Armillaria</i> rhizomorphs. Canadian Journal of Botany, 1992, 70, 1515-1520.	1.2	61
153	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
154	Nineteenth Century Shaman Grave Guardians are Carved <i>Fomitopsis Officinalis</i> Sporophores. Mycologia, 1992, 84, 119-124.	0.8	25
155	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
156	Immunocytochemistry of Fungal Infection Processes in Trees. Springer Series in Wood Science, 1992, , 424-444.	0.8	3
157	Anatomical Responses of Xylem to Injury and Invasion by Fungi. Springer Series in Wood Science, 1992, , 76-95.	0.8	35
158	Decay of date palm wood by white-rot and brown-rot fungi. Canadian Journal of Botany, 1991, 69, 615-629.	1.2	43
159	Ultrastructural characterization of wood from Tertiary fossil forests in the Canadian Arctic. Canadian Journal of Botany, 1991, 69, 560-568.	1.2	32
160	An evaluation of different forms of deterioration found in archaeological wood. International Biodeterioration, 1991, 28, 3-22.	0.2	55
161	Phellinus ralunensis (aphyllophorales: Hymenochaetaceae), a new white pocket rot species from Chile. Mycological Research, 1991, 95, 769-775.	2.5	4
162	Delignification by Wood-Decay Fungi. Annual Review of Phytopathology, 1991, 29, 381-403.	3.5	376

#	Article	IF	Citations
163	Ultrastructure of Ancient Buried Wood from Japan. Holzforschung, 1991, 45, 161-168.	0.9	30
164	Microbial and Enzymatic Degradation of Wood and Wood Components. Springer Series in Wood Science, 1990, , .	0.8	779
165	Characterization of Palo Podrido, a Natural Process of Delignification in Wood. Applied and Environmental Microbiology, 1990, 56, 65-74.	1.4	57
166	Comparative Studies of Delignification Caused by <i>Ganoderma</i> Species. Applied and Environmental Microbiology, 1990, 56, 1932-1943.	1.4	51
167	Biological Degradation of Wood. Advances in Chemistry Series, 1989, , 141-174.	0.6	71
168	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
169	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
170	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
171	Selection of white-rot fungi for biopulping. Bioresource Technology, 1988, 15, 93-101.	0.3	84
172	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
173	Morphological aspects of wood degradation. Methods in Enzymology, 1988, 160, 193-200.	0.4	1
174	Mortality of Scots pine following inoculation with the pinewood nematode, Bursaphelenchusxylophilus. Canadian Journal of Forest Research, 1988, 18, 574-580.	0.8	7
175	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
176	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
177	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
178	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
179	Assessment of 30 White Rot Basidiomycetes for Selective Lignin Degradation. Holzforschung, 1987, 41, 343-349.	0.9	156
180	New directions in forest products pathology. Canadian Journal of Plant Pathology, 1987, 9, 361-369.	0.8	11

#	Article	IF	Citations
181	Lignin Distribution in Cell Walls of Birch Wood Decayed by White Rot Basidiomycetes. Phytopathology, 1987, 77, 684.	1.1	65
182	A discussion of microstructural changes in wood during decomposition by white rot basidiomycetes. Canadian Journal of Botany, 1986, 64, 905-911.	1.2	85
183	Ultrastructural Aspects of the Conidium Cell Wall of Sphaeropsis Sapinea. Mycologia, 1986, 78, 960-963.	0.8	13
184	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
185	Ultrastructural Aspects of Wood Delignification by <i>Phlebia (Merulius) tremellosus</i>. Applied and Environmental Microbiology, 1986, 52, 239-245.	1.4	60
186	Changes in structural and chemical components of wood delignified by fungi. Wood Science and Technology, 1985, 19, 35-46.	1.4	86
187	The distribution of <i>Endocronartium</i><i>harknessii</i> and <i>Cronartium</i><i>quercuum</i> on jack pine in Minnesota. Canadian Journal of Forest Research, 1985, 15, 1045-1048.	0.8	2
188	Effective use of ethylene-releasing agents to prevent spread of eastern dwarf mistletoe on black spruce. Canadian Journal of Forest Research, 1985, 15, 872-876.	0.8	6
189	Selective Delignification of Aspen Wood Blocks In Vitro by Three White Rot Basidiomycetes. Applied and Environmental Microbiology, 1985, 50, 568-572.	1.4	27
190	Selective delignification of wood by white-rot fungi. Applied Biochemistry and Biotechnology, 1984, 9, 323-324.	1.4	9
191	Characteristics of black zones associated with delignified wood. Applied Biochemistry and Biotechnology, 1984, 9, 399-400.	1.4	0
192	Selective Delignification of Eastern Hemlock byGanoderma tsugae. Phytopathology, 1984, 74, 153.	1.1	51
193	Manganese Accumulation in Wood Decayed by White Rot Fungi. Phytopathology, 1984, 74, 725.	1.1	103
194	<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
195	Screening Wood Decayed by White Rot Fungi for Preferential Lignin Degradation. Applied and Environmental Microbiology, 1984, 48, 647-653.	1.4	212
196	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
197	An Unusual Decay Pattern in Brown-Rotted Wood. Mycologia, 1983, 75, 552.	0.8	12
198	An Unusual Decay Pattern in Brown-Rotted Wood. Mycologia, 1983, 75, 552-556.	0.8	16

#	Article	IF	Citations
199	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
200	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
201	Actinomycetes in discolored wood of living silver maple. Canadian Journal of Botany, 1981, 59, 1-7.	1.2	25
202	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
203	Breakdown of Douglas-fir phloem by a lignocellulose-degradingStreptomyces. Current Microbiology, 1979, 2, 123-126.	1.0	34
204	Associations Among Bacteria, Yeasts, and Basidiomycetes During Wood Decay. Phytopathology, 1978, 68, 631.	1.1	104