

Jan Stenlid

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

280
papers

15,657
citations

60
h-index

115
g-index

286
ext. papers

18,221
ext. citations

4.8
avg, IF

6.41
L-index

#	Paper	IF	Citations
280	Population dynamics of forest tree pathogens 2022 , 131-143		
279	Unravelling hybridization in <i>Phytophthora</i> using phylogenomics and genome size estimation. <i>IMA Fungus</i> , 2021 , 12, 16	6.8	5
278	Comparative analyses of the <i>Hymenoscyphus fraxineus</i> and <i>Hymenoscyphus albidus</i> genomes reveals potentially adaptive differences in secondary metabolite and transposable element repertoires. <i>BMC Genomics</i> , 2021 , 22, 503	4.5	0
277	Relationship and genetic structure among autoecious and heteroecious populations of <i>Cronartium pini</i> in northern Fennoscandia. <i>Fungal Ecology</i> , 2021 , 50, 101032	4.1	3
276	Killing two enemies with one stone? Genomics of resistance to two sympatric pathogens in Norway spruce. <i>Molecular Ecology</i> , 2021 , 30, 4433-4447	5.7	4
275	Declining fungal diversity in Arctic freshwaters along a permafrost thaw gradient. <i>Global Change Biology</i> , 2021 , 27, 5889-5906	11.4	2
274	Community composition of aquatic fungi across the thawing Arctic. <i>Scientific Data</i> , 2021 , 8, 221	8.2	
273	Marker-Trait Associations for Tolerance to Ash Dieback in Common Ash (<i>Fraxinus excelsior</i> L.). <i>Forests</i> , 2020 , 11, 1083	2.8	3
272	Functional Ecology of Forest Disease. <i>Annual Review of Phytopathology</i> , 2020 , 58, 343-361	10.8	10
271	Optimized metabarcoding with Pacific biosciences enables semi-quantitative analysis of fungal communities. <i>New Phytologist</i> , 2020 , 228,	9.8	28
270	Natural infection and colonization of pre-commercially cut stumps of <i>Picea abies</i> and <i>Pinus sylvestris</i> by <i>Heterobasidion</i> rot and its biocontrol fungus <i>Phlebiopsis gigantea</i> . <i>Biological Control</i> , 2020 , 143, 104208	3.8	3
269	Identifying <i>Fraxinus excelsior</i> tolerant to ash dieback: Visual field monitoring versus a molecular marker. <i>Forest Pathology</i> , 2020 , 50, e12572	1.2	6
268	Occurrence and pathogenicity of <i>Corinectria</i> spp. - an emerging canker disease of <i>Abies sibirica</i> in Central Siberia. <i>Scientific Reports</i> , 2020 , 10, 5597	4.9	
267	Association genetics identifies a specifically regulated Norway spruce laccase gene, PaLAC5, linked to <i>Heterobasidion parviporum</i> resistance. <i>Plant, Cell and Environment</i> , 2020 , 43, 1779-1791	8.4	8
266	The mating type system of the rare polypore <i>Hapalopilus croceus</i> . <i>Fungal Ecology</i> , 2020 , 45, 100941	4.1	
265	Genetic Variation Explains Changes in Susceptibility in a Native Host Against an Invasive Forest Pathogen: The Case of Alder and the Complex. <i>Phytopathology</i> , 2020 , 110, 517-525	3.8	2
264	Genotypic variation in Norway spruce correlates to fungal communities in vegetative buds. <i>Molecular Ecology</i> , 2020 , 29, 199-213	5.7	6

263	Transcriptional responses in developing lesions of European common ash (<i>Fraxinus excelsior</i>) reveal genes responding to infection by <i>Hymenoscyphus fraxineus</i> . <i>BMC Plant Biology</i> , 2020 , 20, 455	5.3	1
262	The conifer root rot pathogens <i>Heterobasidion irregulare</i> and <i>Heterobasidion occidentale</i> employ different strategies to infect Norway spruce. <i>Scientific Reports</i> , 2020 , 10, 5884	4.9	3
261	Combining transcriptomics and genetic linkage based information to identify candidate genes associated with <i>Heterobasidion</i> -resistance in Norway spruce. <i>Scientific Reports</i> , 2020 , 10, 12711	4.9	2
260	Identifying the tree species compositions that maximize ecosystem functioning in European forests. <i>Journal of Applied Ecology</i> , 2019 , 56, 733-744	5.8	35
259	Invasive forest pathogens in Europe: Cross-country variation in public awareness but consistency in policy acceptability. <i>Ambio</i> , 2019 , 48, 1-12	6.5	9
258	Diplodia Tip Blight on Its Way to the North: Drivers of Disease Emergence in Northern Europe. <i>Frontiers in Plant Science</i> , 2018 , 9, 1818	6.2	29
257	Functional traits associated with the establishment of introduced <i>Phytophthora</i> spp. in Swedish forests. <i>Journal of Applied Ecology</i> , 2018 , 55, 1538-1552	5.8	24
256	Life after tree death: Does restored dead wood host different fungal communities to natural woody substrates?. <i>Forest Ecology and Management</i> , 2018 , 409, 863-871	3.9	10
255	Contrasting distribution patterns between aquatic and terrestrial <i>Phytophthora</i> species along a climatic gradient are linked to functional traits. <i>ISME Journal</i> , 2018 , 12, 2967-2980	11.9	15
254	Implementing Plant Health Regulations with Focus on Invasive Forest Pests and Pathogens: Examples from Swedish Forest Nurseries 2018 , 193-210		0
253	<i>Fraxinus excelsior</i> seed is not a probable introduction pathway for <i>Hymenoscyphus fraxineus</i> . <i>Forest Pathology</i> , 2018 , 48, e12392	1.2	2
252	Continental mapping of forest ecosystem functions reveals a high but unrealised potential for forest multifunctionality. <i>Ecology Letters</i> , 2018 , 21, 31-42	10	47
251	Characterization of a <i>Heterobasidion irregulare</i> endo-rhamnogalacturonase that mediate growth on pectin. <i>Journal of Phytopathology</i> , 2018 , 166, 34-43	1.8	1
250	From leaf to continent: The multi-scale distribution of an invasive cryptic pathogen complex on oak. <i>Fungal Ecology</i> , 2018 , 36, 39-50	4.1	20
249	Early selection for resistance to <i>Heterobasidion parviporum</i> in Norway spruce is not likely to adversely affect growth and wood quality traits in late-age performance. <i>European Journal of Forest Research</i> , 2018 , 137, 517-525	2.7	5
248	Growing evidence for facultative biotrophy in saprotrophic fungi: data from microcosm tests with 201 species of wood-decay basidiomycetes. <i>New Phytologist</i> , 2017 , 215, 747-755	9.8	45
247	Draft genome of the brown-rot fungus GR9-4. <i>Data in Brief</i> , 2017 , 15, 496-500	1.2	2
246	Biodiversity and ecosystem functioning relations in European forests depend on environmental context. <i>Ecology Letters</i> , 2017 , 20, 1414-1426	10	149

245	Can pruning help maintain vitality of ash trees affected by ash dieback in urban landscapes?. <i>Urban Forestry and Urban Greening</i> , 2017 , 27, 69-75	5.4	3
244	Identification of Norway Spruce MYB-bHLH-WDR Transcription Factor Complex Members Linked to Regulation of the Flavonoid Pathway. <i>Frontiers in Plant Science</i> , 2017 , 8, 305	6.2	35
243	Foliar fungi of <i>Betula pendula</i> : impact of tree species mixtures and assessment methods. <i>Scientific Reports</i> , 2017 , 7, 41801	4.9	23
242	Global diversity and taxonomy of the <i>Inonotus linteus</i> complex (Hymenochaetales, Basidiomycota): <i>Sanghuangporus</i> gen. nov., <i>Tropicoporus excentrodendri</i> and <i>T. guanacastensis</i> gen. et spp. nov., and 17 new combinations. <i>Fungal Diversity</i> , 2016 , 77, 335-347	17.6	62
241	High-Throughput Sequencing Shows High Fungal Diversity and Community Segregation in the Rhizospheres of Container-Grown Conifer Seedlings. <i>Forests</i> , 2016 , 7, 44	2.8	12
240	Habitat generalists and specialists in microbial communities across a terrestrial-freshwater gradient. <i>Scientific Reports</i> , 2016 , 6, 37719	4.9	58
239	Global geographic distribution and host range of <i>Dothistroma</i> species: a comprehensive review. <i>Forest Pathology</i> , 2016 , 46, 408-442	1.2	61
238	Different Alleles of a Gene Encoding Leucoanthocyanidin Reductase (PaLAR3) Influence Resistance against the Fungus <i>Heterobasidion parviporum</i> in <i>Picea abies</i> . <i>Plant Physiology</i> , 2016 , 171, 2671-81	6.6	23
237	Friend or foe? Biological and ecological traits of the European ash dieback pathogen <i>Hymenoscyphus fraxineus</i> in its native environment. <i>Scientific Reports</i> , 2016 , 6, 21895	4.9	55
236	Functional differentiation of chitinases in the white-rot fungus <i>Phanerochaete chrysosporium</i> . <i>Fungal Ecology</i> , 2016 , 22, 52-60	4.1	11
235	Socio-ecological implications of modifying rotation lengths in forestry. <i>Ambio</i> , 2016 , 45 Suppl 2, 109-23	6.5	50
234	Fungal communities in Norway spruce stumps along a latitudinal gradient in Sweden. <i>Forest Ecology and Management</i> , 2016 , 371, 50-58	3.9	28
233	Replacing monocultures with mixed-species stands: Ecosystem service implications of two production forest alternatives in Sweden. <i>Ambio</i> , 2016 , 45 Suppl 2, 124-39	6.5	125
232	Biotic homogenization can decrease landscape-scale forest multifunctionality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 3557-62	11.5	134
231	Identification of a Differentially Expressed TIR-NBS-LRR Gene in a Major QTL Associated to Leaf Rust Resistance in <i>Salix</i> . <i>PLoS ONE</i> , 2016 , 11, e0168776	3.7	11
230	First Report of <i>Phytophthora pseudosyringae</i> Causing Basal Cankers on Horse Chestnut in Sweden. <i>Plant Disease</i> , 2016 , 100, 1024	1.5	5
229	Widespread <i>Phytophthora</i> infestations in European nurseries put forest, semi-natural and horticultural ecosystems at high risk of <i>Phytophthora</i> diseases. <i>Forest Pathology</i> , 2016 , 46, 134-163	1.2	187
228	Disease development of <i>Dothistroma</i> needle blight in seedlings of <i>Pinus sylvestris</i> and <i>Pinus contorta</i> under Nordic conditions. <i>Forest Pathology</i> , 2016 , 46, 515-521	1.2	11

227	Jack-of-all-trades effects drive biodiversity-ecosystem multifunctionality relationships in European forests. <i>Nature Communications</i> , 2016 , 7, 11109	17.4	120
226	Phenotypic interactions between tree hosts and invasive forest pathogens in the light of globalization and climate change. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	38
225	Fungal disease incidence along tree diversity gradients depends on latitude in European forests. <i>Ecology and Evolution</i> , 2016 , 6, 2426-38	2.8	32
224	Fungal communities in organically grown winter wheat affected by plant organ and development stage. <i>European Journal of Plant Pathology</i> , 2016 , 146, 401-417	2.1	22
223	Pathogen-induced defoliation of <i>Pinus sylvestris</i> leads to tree decline and death from secondary biotic factors. <i>Forest Ecology and Management</i> , 2016 , 379, 273-280	3.9	14
222	Do foliar fungal communities of Norway spruce shift along a tree species diversity gradient in mature European forests?. <i>Fungal Ecology</i> , 2016 , 23, 97-108	4.1	26
221	Analyses of the ash dieback pathogen, <i>Hymenoscyphus fraxineus</i> , suggest role of tree species diversity on colonization and population structure differentiation. <i>Forest Pathology</i> , 2016 , 46, 82-84	1.2	7
220	Changes in fungal community of Scots pine (<i>Pinus sylvestris</i>) needles along a latitudinal gradient in Sweden. <i>Fungal Ecology</i> , 2015 , 17, 126-139	4.1	43
219	Diverse ecological roles within fungal communities in decomposing logs of <i>Picea abies</i> . <i>FEMS Microbiology Ecology</i> , 2015 , 91,	4.3	46
218	No support for occurrence of free-living <i>Cladonia</i> mycobionts in dead wood. <i>Fungal Ecology</i> , 2015 , 14, 130-132	4.1	6
217	Linking fungal communities to wood density loss after 12 years of log decay. <i>FEMS Microbiology Ecology</i> , 2015 , 91,	4.3	26
216	The primer FITS9 prevents chimera formation during fungal DNA amplification in a bark beetle DNA background. <i>Forest Pathology</i> , 2015 , 45, 9-13	1.2	4
215	Carbon sequestration is related to mycorrhizal fungal community shifts during long-term succession in boreal forests. <i>New Phytologist</i> , 2015 , 205, 1525-1536	9.8	339
214	Selection processes in simple sequence repeats suggest a correlation with their genomic location: insights from a fungal model system. <i>BMC Genomics</i> , 2015 , 16, 1107	4.5	16
213	Characterization of <i>Pyrofumos demidoffii</i> from Ethiopian Afromontane forests. <i>Forest Pathology</i> , 2015 , 45, 263-273	1.2	4
212	<i>Corynelia uberata</i> as a threat to regeneration of <i>Podocarpus falcatus</i> in Ethiopian forests: spatial pattern and temporal progress of the disease and germination studies. <i>Plant Pathology</i> , 2015 , 64, 617-626	2.8	1
211	Transcriptional Responses Associated with Virulence and Defence in the Interaction between <i>Heterobasidion annosum</i> s.s. and Norway Spruce. <i>PLoS ONE</i> , 2015 , 10, e0131182	3.7	18
210	Effect of temperature on the interaction between <i>Phlebiopsis gigantea</i> and the root-rot forest pathogen <i>Heterobasidion</i> spp.. <i>Forest Ecology and Management</i> , 2015 , 340, 22-30	3.9	7

209	Genotypes of <i>Fraxinus excelsior</i> with different susceptibility to the ash dieback pathogen <i>Hymenoscyphus pseudoalbidus</i> and their response to the phytotoxin viridiol - a metabolomic and microscopic study. <i>Phytochemistry</i> , 2014 , 102, 115-25	4	18
208	Bark beetles have a decisive impact on fungal communities in Norway spruce stem sections. <i>Fungal Ecology</i> , 2014 , 7, 47-58	4.1	34
207	Root-associated fungi of <i>Rosa rugosa</i> grown on the frontal dunes of the Baltic Sea Coast in Lithuania. <i>Microbial Ecology</i> , 2014 , 67, 769-74	4.4	7
206	Gene expression associated with intersterility in <i>Heterobasidion</i> . <i>Fungal Genetics and Biology</i> , 2014 , 73, 104-19	3.9	5
205	The effect of fungal pathogens on the water and carbon economy of trees: implications for drought-induced mortality. <i>New Phytologist</i> , 2014 , 203, 1028-1035	9.8	117
204	Characterization of <i>Corynelia uberata</i> Fr., a putative fungal pathogen of <i>Podocarpus falcatus</i> in Ethiopian forests. <i>Forest Pathology</i> , 2014 , 44, 45-55	1.2	4
203	Root-associated fungi of healthy-looking <i>Pinus sylvestris</i> and <i>Picea abies</i> seedlings in Swedish forest nurseries. <i>Scandinavian Journal of Forest Research</i> , 2014 , 29, 12-21	1.7	16
202	Distribution and evolution of het gene homologs in the basidiomycota. <i>Fungal Genetics and Biology</i> , 2014 , 64, 45-57	3.9	20
201	Species associations during the succession of wood-inhabiting fungal communities. <i>Fungal Ecology</i> , 2014 , 11, 17-28	4.1	73
200	Functional analysis of the C-II subgroup killer toxin-like chitinases in the filamentous ascomycete <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2014 , 64, 58-66	3.9	14
199	Nitrogen and carbon reallocation in fungal mycelia during decomposition of boreal forest litter. <i>PLoS ONE</i> , 2014 , 9, e92897	3.7	48
198	A <i>Picea abies</i> linkage map based on SNP markers identifies QTLs for four aspects of resistance to <i>Heterobasidion parviporum</i> infection. <i>PLoS ONE</i> , 2014 , 9, e101049	3.7	39
197	Intronic and plasmid-derived regions contribute to the large mitochondrial genome sizes of Agaricomycetes. <i>Current Genetics</i> , 2014 , 60, 303-13	2.9	35
196	<i>Heterobasidion annosum</i> s.l. Genomics. <i>Advances in Botanical Research</i> , 2014 , 371-396	2.2	5
195	Seasonal pattern of lesion development in diseased <i>Fraxinus excelsior</i> infected by <i>Hymenoscyphus pseudoalbidus</i> . <i>PLoS ONE</i> , 2014 , 9, e76429	3.7	18
194	Evolution of RNA interference proteins dicer and argonaute in Basidiomycota. <i>Mycologia</i> , 2013 , 105, 1489-98	2.4	26
193	The primary module in Norway spruce defence signalling against <i>H. annosum</i> s.l. seems to be jasmonate-mediated signalling without antagonism of salicylate-mediated signalling. <i>Planta</i> , 2013 , 237, 1037-45	4.7	28
192	Fungi in foliage and shoots of <i>Fraxinus excelsior</i> in eastern Ukraine: a first report on <i>Hymenoscyphus pseudoalbidus</i> . <i>Forest Pathology</i> , 2013 , 43, 462-467	1.2	28

191	Utilizing ITS1 and ITS2 to study environmental fungal diversity using pyrosequencing. <i>FEMS Microbiology Ecology</i> , 2013 , 84, 165-75	4.3	57
190	Viridin-like steroids from <i>Hymenoscyphus pseudoalbidus</i> . <i>Phytochemistry</i> , 2013 , 86, 195-200	4	20
189	A novel comparative research platform designed to determine the functional significance of tree species diversity in European forests. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2013 , 15, 281-291	3	143
188	Stump removal to control root disease in Canada and Scandinavia: A synthesis of results from long-term trials. <i>Forest Ecology and Management</i> , 2013 , 290, 5-14	3.9	57
187	Biogeographical patterns and determinants of invasion by forest pathogens in Europe. <i>New Phytologist</i> , 2013 , 197, 238-250	9.8	351
186	Light and scanning electron microscopy studies of the early infection stages of <i>Hymenoscyphus pseudoalbidus</i> on <i>Fraxinus excelsior</i> . <i>Plant Pathology</i> , 2013 , 62, 1294-1301	2.8	46
185	Roots and associated fungi drive long-term carbon sequestration in boreal forest. <i>Science</i> , 2013 , 339, 1615-8	33.3	866
184	Mutualism and asexual reproduction influence recognition genes in a fungal symbiont. <i>Fungal Biology</i> , 2013 , 117, 439-50	2.8	2
183	Fungal community analysis by high-throughput sequencing of amplified markers--a user's guide. <i>New Phytologist</i> , 2013 , 199, 288-299	9.8	601
182	Heartwood stump colonisation by <i>Heterobasidion parviporum</i> and <i>H. annosum</i> s.s. in Norway spruce (<i>Picea abies</i>) stands. <i>Forest Ecology and Management</i> , 2013 , 295, 1-10	3.9	20
181	Extensive trans-specific polymorphism at the mating type locus of the root decay fungus <i>Heterobasidion</i> . <i>Molecular Biology and Evolution</i> , 2013 , 30, 2286-301	8.3	17
180	A genome-wide association study identifies genomic regions for virulence in the non-model organism <i>Heterobasidion annosum</i> s.s. <i>PLoS ONE</i> , 2013 , 8, e53525	3.7	56
179	Occurrence and impact of the root-rot biocontrol agent <i>Phlebiopsis gigantea</i> on soil fungal communities in <i>Picea abies</i> forests of northern Europe. <i>FEMS Microbiology Ecology</i> , 2012 , 81, 438-45	4.3	20
178	New primers to amplify the fungal ITS2 region--evaluation by 454-sequencing of artificial and natural communities. <i>FEMS Microbiology Ecology</i> , 2012 , 82, 666-77	4.3	985
177	Patterns of fungal communities among and within decaying logs, revealed by 454 sequencing. <i>Molecular Ecology</i> , 2012 , 21, 4514-32	5.7	128
176	Functional analysis of glycoside hydrolase family 18 and 20 genes in <i>Neurospora crassa</i> . <i>Fungal Genetics and Biology</i> , 2012 , 49, 717-30	3.9	64
175	Insight into trade-off between wood decay and parasitism from the genome of a fungal forest pathogen. <i>New Phytologist</i> , 2012 , 194, 1001-1013	9.8	168
174	Understanding the role of sapwood loss and reaction zone formation on radial growth of Norway spruce (<i>Picea abies</i>) trees decayed by <i>Heterobasidion annosum</i> s.l.. <i>Forest Ecology and Management</i> , 2012 , 274, 201-209	3.9	29

173	Retracing the routes of introduction of invasive species: the case of the <i>Sirex noctilio</i> woodwasp. <i>Molecular Ecology</i> , 2012 , 21, 5728-44	5.7	83
172	Population structure of <i>Hymenoscyphus pseudoalbidus</i> and its genetic relationship to <i>Hymenoscyphus albidus</i> . <i>Fungal Ecology</i> , 2012 , 5, 147-153	4.1	54
171	Sesquiterpenes from the conifer root rot pathogen <i>Heterobasidion occidentale</i> . <i>Phytochemistry</i> , 2012 , 82, 158-65	4	10
170	Biosynthesis of fomannoxin in the root rotting pathogen <i>Heterobasidion occidentale</i> . <i>Phytochemistry</i> , 2012 , 84, 31-9	4	31
169	Comparative genomics of <i>Ceriporiopsis subvermispora</i> and <i>Phanerochaete chrysosporium</i> provide insight into selective ligninolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5458-63	11.5	225
168	Heart-rot and associated fungi in <i>Alnus glutinosa</i> stands in Latvia. <i>Scandinavian Journal of Forest Research</i> , 2012 , 27, 327-336	1.7	15
167	A 2nd generation linkage map of <i>Heterobasidion annosum</i> s.l. based on in silico anchoring of AFLP markers. <i>PLoS ONE</i> , 2012 , 7, e48347	3.7	10
166	B-norsteroids from <i>Hymenoscyphus pseudoalbidus</i> . <i>Molecules</i> , 2012 , 17, 7769-81	4.8	18
165	The Paleozoic origin of enzymatic lignin decomposition reconstructed from 31 fungal genomes. <i>Science</i> , 2012 , 336, 1715-9	33.3	1129
164	Natural infection of <i>Fraxinus excelsior</i> seeds by <i>Chalara fraxinea</i> . <i>Forest Pathology</i> , 2012 , 43, n/a-n/a	1.2	4
163	Genetics of <i>Amylostereum</i> Species Associated with Siricidae Woodwasps 2012 , 81-94		3
162	Do bark beetles facilitate the establishment of rot fungi in Norway spruce?. <i>Fungal Ecology</i> , 2011 , 4, 262-269		34
161	Nitrogen availability affects saprotrophic basidiomycetes decomposing pine needles in a long term laboratory study. <i>Fungal Ecology</i> , 2011 , 4, 408-416	4.1	13
160	Initial fungal colonizer affects mass loss and fungal community development in <i>Picea abies</i> logs 6yr after inoculation. <i>Fungal Ecology</i> , 2011 , 4, 449-460	4.1	71
159	Validation of the Rotstand model for simulating <i>Heterobasidion annosum</i> root rot in <i>Picea abies</i> stands. <i>Forest Ecology and Management</i> , 2011 , 261, 1841-1851	3.9	5
158	Accuracy of the Rotfinder instrument in detecting decay on Norway spruce (<i>Picea abies</i>) trees. <i>Forest Ecology and Management</i> , 2011 , 262, 1378-1386	3.9	14
157	New genetic markers for identifying <i>Cronartium flaccidum</i> and <i>Peridermium pini</i> and examining genetic variation within and between lesions of Scots pine blister rust in Sweden. <i>Fungal Biology</i> , 2011 , 115, 1303-11	2.8	14
156	Gene expression associated with vegetative incompatibility in <i>Amylostereum areolatum</i> . <i>Fungal Genetics and Biology</i> , 2011 , 48, 1034-43	3.9	6

155	Emerging Diseases in European Forest Ecosystems and Responses in Society. <i>Forests</i> , 2011 , 2, 486-504	2.8	71
154	Towards standardization of the description and publication of next-generation sequencing datasets of fungal communities. <i>New Phytologist</i> , 2011 , 191, 314-318	9.8	77
153	Spread of <i>Heterobasidion annosum</i> s.s. and <i>Heterobasidion parviporum</i> in <i>Picea abies</i> 15 years after stump inoculation. <i>FEMS Microbiology Ecology</i> , 2011 , 75, 414-29	4.3	24
152	QTL mapping of resistance to leaf rust in <i>Salix</i> . <i>Tree Genetics and Genomes</i> , 2011 , 7, 1219-1235	2.1	28
151	Chemical and transcriptional responses of Norway spruce genotypes with different susceptibility to <i>Heterobasidion</i> spp. infection. <i>BMC Plant Biology</i> , 2011 , 11, 154	5.3	62
150	Root rot, associated fungi and their impact on health condition of declining <i>Fraxinus excelsior</i> stands in Lithuania. <i>Scandinavian Journal of Forest Research</i> , 2011 , 26, 128-135	1.7	33
149	Butt rot incidence, causal fungi, and related yield loss in <i>Picea abies</i> stands of Latvia. <i>Canadian Journal of Forest Research</i> , 2011 , 41, 2337-2345	1.9	32
148	The plant cell wall-decomposing machinery underlies the functional diversity of forest fungi. <i>Science</i> , 2011 , 333, 762-5	33.3	417
147	The pathogenic white-rot fungus <i>Heterobasidion parviporum</i> triggers non-specific defence responses in the bark of Norway spruce. <i>Tree Physiology</i> , 2011 , 31, 1262-72	4.2	20
146	Decay, yield loss and associated fungi in stands of grey alder (<i>Alnus incana</i>) in Latvia. <i>Forestry</i> , 2011 , 84, 337-348	2.2	17
145	Fungal C translocation restricts N-mineralization in heterogeneous environments. <i>Functional Ecology</i> , 2010 , 24, 454-459	5.6	34
144	Evolutionary history of the conifer root rot fungus <i>Heterobasidion annosum</i> sensu lato. <i>Molecular Ecology</i> , 2010 , 19, 4979-93	5.7	66
143	Impact of forest fire on occurrence of <i>Heterobasidion annosum</i> s.s. root rot and other wood-inhabiting fungi in roots of <i>Pinus mugo</i> . <i>Forestry</i> , 2010 , 83, 83-92	2.2	7
142	Reaction zone and periodic increment decrease in <i>Picea abies</i> trees infected by <i>Heterobasidion annosum</i> s.l.. <i>Forest Ecology and Management</i> , 2010 , 260, 692-698	3.9	21
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138	Logging-residue extraction does not reduce the diversity of litter-layer saprotrophic fungi in three Swedish coniferous stands after 25 years. <i>Canadian Journal of Forest Research</i> , 2009 , 39, 1737-1748	1.9	19

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130	Evolution of family 18 glycoside hydrolases: diversity, domain structures and phylogenetic relationships. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2009 , 16, 208-23	0.9	75
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1	Pathologists and entomologists must join forces against forest pest and pathogen invasions. <i>NeoBiota</i> , 58 , 107-127	4.2	12