

Thomas N Sieber

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3157548/publications.pdf>

Version: 2024-02-01

61
papers

3,413
citations

109321

35
h-index

149698

56
g-index

62
all docs

62
docs citations

62
times ranked

2658
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating Host Preference of Root Endophytes of Three European Tree Species, with a Focus on Members of the <i>Phialocephala fortinii</i> – <i>Acephala applanata</i> Species Complex (PAC). <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 317.	3.5	7
2	Aqueous leaf extract of <i>Ligustrum vulgare</i> inhibits ascospore germination and mycelial growth of <i>Hymenoscyphus fraxineus</i> . <i>Forest Pathology</i> , 2021, 51, .	1.1	1
3	Does water availability influence the abundance of species of the <i>Phialocephala fortinii</i> s.l. – <i>Acephala applanata</i> complex (PAC) in roots of pubescent oak (<i>Quercus pubescens</i>) and Scots pine (<i>Pinus</i>)? <i>Journal of Ecology</i> , 2021, 109, 1073–1084.	1.0784314	0
4	Adaptation of subpopulations of the Norway spruce needle endophyte <i>Lophodermium piceae</i> to the temperature regime. <i>Fungal Biology</i> , 2019, 123, 887-894.	2.5	2
5	The endophyte <i>Allantophomopsis cytisporae</i> is associated with snow blight on <i>Calluna vulgaris</i> in the Alps: An effect of climate change?. <i>Arctic, Antarctic, and Alpine Research</i> , 2019, 51, 460-470.	1.1	4
6	Competitiveness of endophytic <i>Phialocephala fortinii</i> s.l. – <i>Acephala applanata</i> strains in Norway spruce roots. <i>Fungal Biology</i> , 2018, 122, 345-352.	2.5	7
7	Resilience of <i>Phialocephala fortinii</i> s.l. – <i>Acephala applanata</i> communities – Effects of disturbance and strain introduction. <i>Fungal Ecology</i> , 2018, 31, 19-28.	1.6	11
8	The Endophytic Mycobiome of European Ash and Sycamore Maple Leaves – Geographic Patterns, Host Specificity and Influence of Ash Dieback. <i>Frontiers in Microbiology</i> , 2018, 9, 2345.	3.5	48
9	Ecological Factors Influencing Norway Spruce Regeneration on Nurse Logs in a Subalpine Virgin Forest. <i>Forests</i> , 2018, 9, 120.	2.1	12
10	Phylogenetic and phenotypic characterisation of <i>Sirococcus castaneae</i> comb. nov. (synonym <i>Diplodina</i>) <i>Journal of Fungi</i> , 2020, 6, 1000.	2.5	13
11	Diversity of endophytic mycobiota of tropical tree <i>Tectona grandis</i> Linn.f.: Spatiotemporal and tissue type effects. <i>Scientific Reports</i> , 2017, 7, 3745.	3.3	45
12	Communities of fungal endophytes in leaves of <i>Fraxinus ornus</i> are highly diverse. <i>Fungal Ecology</i> , 2017, 29, 10-19.	1.6	36
13	Effects of endophytic fungi on the ash dieback pathogen. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw142.	2.7	53
14	Spatial and temporal dynamics in the <i>Phialocephala fortinii</i> s.l. – <i>Acephala applanata</i> species complex (PAC). <i>Plant and Soil</i> , 2016, 407, 231-241.	3.7	16
15	Dark septate endophytic fungi of native plants along an altitudinal gradient in the Brazilian Atlantic forest. <i>Fungal Ecology</i> , 2016, 20, 202-210.	1.6	43
16	<i>Venturia orni</i> sp. nov., a species distinct from <i>Venturia fraxini</i> , living in the leaves of <i>Fraxinus ornus</i> . <i>Mycological Progress</i> , 2016, 15, 1.	1.4	22
17	Nutritional niche overlap potentiates the use of endophytes in biocontrol of a tree disease. <i>BioControl</i> , 2015, 60, 655-667.	2.0	79
18	Control of pathogenic PAC strains by non-pathogenic PAC strains in planta does not correlate with higher competitiveness of non-pathogenic PAC strains ex planta. <i>Mycological Progress</i> , 2014, 13, 1241.	1.4	4

#	ARTICLE	IF	CITATIONS
19	The complete life cycle of <i>Petrakia echinata</i> . <i>Mycological Progress</i> , 2013, 12, 427-435.	1.4	7
20	Mitigation of antagonistic effects on plant growth due to root co-colonization by dark septate endophytes and ectomycorrhiza. <i>Environmental Microbiology Reports</i> , 2013, 5, 892-898.	2.4	28
21	Resistance to Dutch Elm Disease Reduces Presence of Xylem Endophytic Fungi in Elms (<i>Ulmus</i> spp.). <i>PLoS ONE</i> , 2013, 8, e56987.	2.5	76
22	Season and Tissue Type Affect Fungal Endophyte Communities of the Indian Medicinal Plant <i>Tinospora cordifolia</i> More Strongly than Geographic Location. <i>Microbial Ecology</i> , 2012, 64, 388-398.	2.8	108
23	Do colonization by dark septate endophytes and elevated temperature affect pathogenicity of oomycetes?. <i>FEMS Microbiology Ecology</i> , 2012, 82, 157-168.	2.7	50
24	Host species and strain combination determine growth reduction of spruce and birch seedlings colonized by root-associated dark septate endophytes. <i>Environmental Microbiology</i> , 2012, 14, 1064-1076.	3.8	53
25	Mycorrhiza Reduces Adverse Effects of Dark Septate Endophytes (DSE) on Growth of Conifers. <i>PLoS ONE</i> , 2012, 7, e42865.	2.5	55
26	Structure of Diversity in Dark Septate Endophytes: From Species to Genes. <i>Forestry Sciences</i> , 2011, , 3-30.	0.4	37
27	Negative effects on survival and performance of Norway spruce seedlings colonized by dark septate root endophytes are primarily isolate-dependent. <i>Environmental Microbiology</i> , 2011, 13, 2508-2517.	3.8	73
28	No biogeographical pattern for a root-associated fungal species complex. <i>Global Ecology and Biogeography</i> , 2011, 20, 160-169.	5.8	74
29	Microsatellite-Based Quantification Method to Estimate Biomass of Endophytic <i>Phialocephala</i> Species in Strain Mixtures. <i>Microbial Ecology</i> , 2011, 61, 676-683.	2.8	10
30	Suitability of Quantitative Real-Time PCR To Estimate the Biomass of Fungal Root Endophytes. <i>Applied and Environmental Microbiology</i> , 2010, 76, 5764-5772.	3.1	66
31	Phylogeny of <i>Phaeomollisia piceae</i> gen. sp. nov.: a dark, septate, conifer-needle endophyte and its relationships to <i>Phialocephala</i> and <i>Acephala</i> . <i>Mycological Research</i> , 2009, 113, 207-221.	2.5	53
32	Cryptic speciation and community structure of <i>Herpotrichia juniperi</i> , the causal agent of brown felt blight of conifers. <i>Mycological Research</i> , 2009, 113, 887-896.	2.5	13
33	The ectomycorrhizal morphotype <i>Pinihriza sclerotia</i> is formed by <i>Acephala macrosclerotiorum</i> sp. nov., a close relative of <i>Phialocephala fortinii</i> . <i>Mycorrhiza</i> , 2009, 19, 481-492.	2.8	34
34	Community structure of <i>Phialocephala fortinii</i> s. lat. in European tree nurseries, and assessment of the potential of the seedlings as dissemination vehicles. <i>Mycological Research</i> , 2008, 112, 650-662.	2.5	29
35	Dark septate endophytes (DSE) of the <i>Phialocephala fortinii</i> s.l. " <i>Acephala applanata</i> species complex in tree roots: classification, population biology, and ecology. <i>Botany</i> , 2008, 86, 1355-1369.	1.0	156
36	Assignment of species rank to six reproductively isolated cryptic species of the <i>Phialocephala fortinii</i> s.l.- <i>Acephala applanata</i> species complex. <i>Mycologia</i> , 2008, 100, 47-67.	1.9	70

#	ARTICLE	IF	CITATIONS
37	Suitability of methods for species recognition in the <i>Phialocephala fortinii</i> – <i>Acephala applanata</i> species complex using DNA analysis. <i>Fungal Genetics and Biology</i> , 2007, 44, 773-788.	2.1	61
38	Endophytic fungi in forest trees: are they mutualists?. <i>Fungal Biology Reviews</i> , 2007, 21, 75-89.	4.7	446
39	Population genetic analysis of <i>Phialocephala fortinii</i> s.l. and <i>Acephala applanata</i> in two undisturbed forests in Switzerland and evidence for new cryptic species. <i>Fungal Genetics and Biology</i> , 2006, 43, 410-421.	2.1	52
40	Molecular and phenotypic description of the widespread root symbiont <i>Acephala applanata</i> gen. et sp. nov., formerly known as dark-septate endophyte Type 1. <i>Mycologia</i> , 2005, 97, 628-640.	1.9	37
41	Monitoring the spatial and temporal dynamics of a community of the tree–root endophyte <i>Phialocephala fortinii</i> s.l.. <i>New Phytologist</i> , 2005, 168, 651-660.	7.3	45
42	Characterization of <i>Guignardia mangiferae</i> isolated from tropical plants based on morphology, ISSR-PCR amplifications and ITS1–ITS2 sequences. <i>Mycological Research</i> , 2004, 108, 45-52.	2.5	51
43	Evidence for subdivision of the root-endophyte <i>Phialocephala fortinii</i> into cryptic species and recombination within species. <i>Fungal Genetics and Biology</i> , 2004, 41, 676-687.	2.1	85
44	Latent infections of <i>Fomes fomentarius</i> in the xylem of European beech (<i>Fagus sylvatica</i>). <i>Mycological Progress</i> , 2003, 2, 141-148.	1.4	45
45	Development of single-copy RFLP markers for population genetic studies of <i>Phialocephala fortinii</i> and closely related taxa. <i>Mycological Research</i> , 2003, 107, 1332-1341.	2.5	39
46	Genetic variability among strains of <i>Phialocephala fortinii</i> and phylogenetic analysis of the genus <i>Phialocephala</i> based on rDNA ITS sequence comparisons. <i>Canadian Journal of Botany</i> , 2002, 80, 1239-1249.	1.1	61
47	Spatial distribution of dark septate endophytes in a confined forest plot. <i>Mycological Research</i> , 2002, 106, 832-840.	2.5	52
48	Endophytic mycobiota in bark of European beech (<i>Fagus sylvatica</i>) in the Apennines. <i>Mycological Research</i> , 2002, 106, 1343-1348.	2.5	42
49	Fungal Root Endophytes. , 2002, , 887-917.		78
50	Characterisation of dark septate endophytic fungi (DSE) using inter-simple-sequence-repeat-anchored polymerase chain reaction (ISSR-PCR) amplification. <i>Mycological Research</i> , 2001, 105, 24-32.	2.5	62
51	Colonisation of leaves and twigs of <i>Rubus parviflorus</i> and <i>R. spectabilis</i> by endophytic fungi in a reforestation site in British Columbia. <i>Mycological Research</i> , 2000, 104, 841-845.	2.5	15
52	Mycobiota in symptomless needles of <i>Pinus mugo</i> ssp. <i>uncinata</i> . <i>Mycological Research</i> , 1999, 103, 306-310.	2.5	40
53	Dark septate hyphomycetes in swiss conifer forest soils surveyed using Norway-spruce seedlings as bait. <i>Soil Biology and Biochemistry</i> , 1998, 30, 1069-1075.	8.8	28
54	The profusion of dark septate endophytic fungi in non–ectomycorrhizal fine roots of forest trees and shrubs. <i>New Phytologist</i> , 1996, 132, 259-270.	7.3	117

#	ARTICLE	IF	CITATIONS
55	Pyrenochaeta ligni-putridi sp. nov., a new coelomycete associated with butt rot of Picea abies in Switzerland. Mycological Research, 1995, 99, 274-276.	2.5	18
56	Assemblages of endophytic fungi in coppice shoots of <i>Castanea sativa</i> . Mycologia, 1994, 86, 648-655.	1.9	58
57	Assemblages of Endophytic Fungi in Coppice Shoots of <i>Castanea sativa</i> . Mycologia, 1994, 86, 648.	1.9	35
58	An ecological study about assemblages of endophytic fungi in <i>Acer macrophyllum</i> in British Columbia: in search of candidate mycoherbicides. Canadian Journal of Botany, 1994, 72, 1397-1402.	1.1	23
59	Ecology, metabolite production, and substrate utilization in endophytic fungi. Natural Toxins, 1993, 1, 185-196.	1.0	347
60	Fungal associations of serially washed healthy non-mycorrhizal roots of Picea abies. Mycological Research, 1992, 96, 151-156.	2.5	63
61	Endophytic fungi in twigs of healthy and diseased Norway spruce and white fir. Mycological Research, 1989, 92, 322-326.	2.5	71