

Keith Anthony Seifert

List of Publications by Year in descending order

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71
papers

7,797
citations

201674

27
h-index

88630

70
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76
all docs

76
docs citations

76
times ranked

9446
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for <i>Fungi</i> . Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6241-6246.	7.1	4,012
2	Identification and nomenclature of the genus <i>Penicillium</i> . Studies in Mycology, 2014, 78, 343-371.	7.2	634
3	One fungus, which genes? Development and assessment of universal primers for potential secondary fungal DNA barcodes. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2015, 35, 242-263.	4.4	416
4	Progress towards DNA barcoding of fungi. Molecular Ecology Resources, 2009, 9, 83-89.	4.8	383
5	Prospects for fungus identification using CO1 DNA barcodes, with <i>Penicillium</i> as a test case. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3901-3906.	7.1	336
6	An overview of the systematics of the Sordariomycetes based on a four-gene phylogeny. Mycologia, 2006, 98, 1076-1087.	1.9	275
7	Classification of the mycoparasite <i>Gliocladium roseum</i> in <i>Clonostachys</i> as <i>C. rosea</i> , its relationship to <i>Bionectria ochroleuca</i> , and notes on other <i>Gliocladium</i> -like fungi. Mycologia, 1999, 91, 365-385.	1.9	135
8	Recommendations on generic names competing for use in Leotiomycetes (Ascomycota). IMA Fungus, 2014, 5, 91-120.	3.8	103
9	Recommended names for pleomorphic genera in Dothideomycetes. IMA Fungus, 2015, 6, 507-523.	3.8	99
10	Recommendations for competing sexual-asexually typified generic names in Sordariomycetes (except Tj ETQq0 0 0 rgBT /Overlock 10 T	3.8	84
11	Fungal Planet description sheets: 1112-1181. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2020, 45, 251-409.	4.4	63
12	Production of antifungal and antiinsectan metabolites by the Picea endophyte <i>Diaporthe maritima</i> sp. nov.. Fungal Biology, 2016, 120, 1448-1457.	2.5	62
13	Occurrence of <i>Fusarium</i> species and mycotoxins in Swiss oats- Impact of cropping factors. European Journal of Agronomy, 2018, 92, 123-132.	4.1	58
14	Draft genome sequences of <i>Ceratocystis eucalypticola</i> , <i>Chrysosporthe cubensis</i> , <i>C. deuterocubensis</i> , <i>Davidsoniella virescens</i> , <i>Fusarium temperatum</i> , <i>Graphilbum fragrans</i> , <i>Penicillium nordicum</i> , and <i>Thielaviopsis musarum</i> . IMA Fungus, 2015, 6, 493-506.	3.8	57
15	Four psychrotolerant species with high chemical diversity consistently producing cycloaspeptide A, <i>Penicillium jamesonlandense</i> sp. nov., <i>Penicillium ribium</i> sp. nov., <i>Penicillium soppii</i> and <i>Penicillium lanosum</i> . International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1427-1437.	1.7	51
16	A Taxonomic Revision of the <i>Wallemia sebi</i> Species Complex. PLoS ONE, 2015, 10, e0125933.	2.5	50
17	Phylogeny and Molecular Diagnosis of Mycotoxigenic Fungi. European Journal of Plant Pathology, 2004, 110, 449-471.	1.7	49
18	Evaluation of two novel barcodes for species recognition of opportunistic pathogens in <i>Fusarium</i> . Fungal Biology, 2016, 120, 231-245.	2.5	48

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19	<i>Escovopsis aspergilloides</i> , a rediscovered hyphomycete from leaf-cutting ant nests. <i>Mycologia</i> , 1995, 87, 407-413.	1.9	46
20	Sexual and asexual states of some endophytic <i>Phialocephala</i> species of <i>Picea</i> . <i>Mycologia</i> , 2016, 108, 255-280.	1.9	43
21	IMA Genome-F 6. <i>IMA Fungus</i> , 2016, 7, 217-227.	3.8	39
22	Overlooked competing asexual and sexually typified generic names of Ascomycota with recommendations for their use or protection. <i>IMA Fungus</i> , 2016, 7, 289-308.	3.8	38
23	Prevalence of <i>Fusarium</i> species causing head blight of spring wheat, barley and oat in Ontario during 2001–2017. <i>Canadian Journal of Plant Pathology</i> , 2019, 41, 392-402.	1.4	38
24	A phylogenetic revision of <i>Penicillium</i> sect. <i>Exilicaulis</i> , including nine new species from fynbos in South Africa. <i>IMA Fungus</i> , 2016, 7, 75-117.	3.8	32
25	Assessing Performance of Spore Samplers in Monitoring Aeromycobiota and Fungal Plant Pathogen Diversity in Canada. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	31
26	Nine draft genome sequences of <i>Claviceps purpurea</i> s.lat., including <i>C. arundinis</i> , <i>C. humidiphila</i> , and <i>C. cf. spartinae</i> , pseudomolecules for the pitch canker pathogen <i>Fusarium circinatum</i> , draft genome of <i>Davidsoniella eucalypti</i> , <i>Grosmannia galeiformis</i> , <i>Quambalaria eucalypti</i> , and <i>Teratosphaeria destructans</i> . <i>IMA Fungus</i> , 2018, 9, 401-418.	3.8	31
27	Identification of six new <i>Alternaria</i> sulfoconjugated metabolites by high-resolution neutral loss filtering. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1805-1810.	1.5	29
28	Mollisiaceae: An overlooked lineage of diverse endophytes. <i>Studies in Mycology</i> , 2020, 95, 293-380.	7.2	29
29	Product ion filtering with rapid polarity switching for the detection of all fumonisins and AAL-toxins. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 2131-2139.	1.5	26
30	Pathogenicity to Potato Tubers of <i>Fusarium</i> spp. Isolated from Potato, Cereal and Forage Crops. <i>American Journal of Potato Research</i> , 2008, 85, 367-374.	0.9	24
31	Full Genome of <i>Phialocephala scopiformis</i> DAOMC 229536, a Fungal Endophyte of Spruce Producing the Potent Anti-Insectan Compound Rugulosin. <i>Genome Announcements</i> , 2016, 4, .	0.8	24
32	Diversity of Mycotoxin-Producing Black Aspergilli in Canadian Vineyards. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 1583-1589.	5.2	24
33	A new family and genus in Dothideales for <i>Aureobasidium</i> -like species isolated from house dust. <i>IMA Fungus</i> , 2017, 8, 299-315.	3.8	24
34	Metabolomic Profiling of Fungal Pathogens Responsible for Root Rot in American Ginseng. <i>Metabolites</i> , 2020, 10, 35.	2.9	23
35	Application of the Phylogenetic Species Concept to <i>Wallemia sebi</i> from House Dust and Indoor Air Revealed by Multi-Locus Genealogical Concordance. <i>PLoS ONE</i> , 2015, 10, e0120894.	2.5	23
36	Metabolomic-guided discovery of cyclic nonribosomal peptides from <i>Xylaria ellisii</i> sp. nov., a leaf and stem endophyte of <i>Vaccinium angustifolium</i> . <i>Scientific Reports</i> , 2020, 10, 4599.	3.3	22

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37	Ochratoxin A production by <i>Penicillium thymicola</i> . <i>Fungal Biology</i> , 2016, 120, 1041-1049.	2.5	20
38	Four new <i>Penicillium</i> species isolated from the fynbos biome in South Africa, including a multigene phylogeny of section Lanata-Divaricata. <i>Mycological Progress</i> , 2015, 14, 1.	1.4	19
39	Resolving the phylogenetic placement of <i>Porobeltraniella</i> and allied genera in the Beltraniaceae. <i>Mycological Progress</i> , 2016, 15, 1119-1136.	1.4	18
40	Fungal Nomenclature at IMC10: Report of the Nomenclature Sessions. <i>IMA Fungus</i> , 2014, 5, 449-462.	3.8	17
41	Xerotolerant fungi in house dust: taxonomy of <i>Spiromastix</i> , <i>Pseudospiromastix</i> and <i>Sigleria</i> gen. nov. in Spiromastigaceae (Onygenales, Eurotiomycetes). <i>Mycologia</i> , 2016, 108, 135-156.	1.9	17
42	<i>Lophodermium resinosum</i> sp. nov. from red pine (<i>Pinus resinosa</i>) in Eastern Canada. <i>Botany</i> , 2017, 95, 773-784.	1.0	15
43	A century later: rediscovery, culturing and phylogenetic analysis of <i>Diplospora rosea</i> , a rare onygenean hyphomycete. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 1023-1035.	1.7	14
44	Morphology, phylogeny and biology of <i>Gliocephalis hyalina</i> , a biotrophic contact mycoparasite of <i>Fusarium</i> species. <i>Mycologia</i> , 2005, 97, 111-120.	1.9	13
45	(016-020) Proposals to amend the Code to make clear that it covers the nomenclature of fungi, and to modify its governance with respect to names of organisms treated as fungi. <i>Taxon</i> , 2009, 58, 658-659.	0.7	13
46	Identification and Detection of <i>Fusarium striatum</i> as a New Record of Pathogen to Greenhouse Tomato in Northeastern America. <i>Plant Disease</i> , 2014, 98, 292-298.	1.4	13
47	Phylogeny of Canadian ergot fungi and a detection assay by real-time polymerase chain reaction. <i>Mycologia</i> , 2019, 111, 493-505.	1.9	12
48	Morphology and multigene phylogeny of <i>Talaromyces amyrossmaniae</i> , a new synnematosus species belonging to the section Trachyspermi from India. <i>MycoKeys</i> , 2019, 45, 41-56.	1.9	12
49	Phacidiaceae endophytes of <i>Picea rubens</i> in Eastern Canada. <i>Botany</i> , 2018, 96, 555-588.	1.0	11
50	Two new hypocrealean fungi with synnematosus anamorphs. <i>Mycologia</i> , 1997, 89, 512-520.	1.9	10
51	<i>Hirsutella uncinata</i> , a new hyphomycete from Australia. <i>Mycologia</i> , 2004, 96, 929-934.	1.9	10
52	(117-119) Proposals to make the pre-publication deposit of key nomenclatural information in a recognized repository a requirement for valid publication of organisms treated as fungi under the Code. <i>Taxon</i> , 2010, 59, 660-662.	0.7	10
53	<i>Paratritirachium curvibasidium</i> , a new heat-resistant basidiomycete from flare pit soils in Alberta, Canada. <i>Mycological Progress</i> , 2014, 13, 575-587.	1.4	10
54	<i>Rasamsonia pulvericola</i> sp. nov., isolated from house dust. <i>IMA Fungus</i> , 2013, 4, 205-212.	3.8	9

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55	Basidioascus undulatus: genome, origins, and sexuality. IMA Fungus, 2015, 6, 215-231.	3.8	9
56	Cylindrocarpon destructans var. destructans. Canadian Journal of Plant Pathology, 1998, 20, 115-117.	1.4	8
57	Enhancing the relevance of fungal taxonomy to plant pathology: phylogenetics, molecular diagnostics, and long-term memory. Canadian Journal of Plant Pathology, 2006, 28, S280-S287.	1.4	8
58	New Zealand fungi 37: two new species of the sooty mould genus <i>Metacapnodium</i> with dictyoseptate ascospores. New Zealand Journal of Botany, 2012, 50, 381-387.	1.1	8
59	The phylogenetic relationships of two trichothecene-producing hyphomycetes, <i>Spicellum roseum</i> and <i>Trichothecium roseum</i> . Mycologia, 1997, 89, 250-257.	1.9	7
60	Identification of N,N,N-triacetylfusarinine C as a key metabolite for root rot disease virulence in American ginseng. Journal of Ginseng Research, 2021, 45, 156-162.	5.7	7
61	The Phylogenetic Relationships of Two Trichothecene-Producing Hyphomycetes, <i>Spicellum roseum</i> and <i>Trichothecium roseum</i> . Mycologia, 1997, 89, 250.	1.9	6
62	<i>Spiropes dictyosporus</i> , a new synnematosus fungus associated with sooty moulds. New Zealand Journal of Botany, 2000, 38, 489-492.	1.1	6
63	Chemotaxonomic Profiling of Canadian Alternaria Populations Using High-Resolution Mass Spectrometry. Metabolites, 2020, 10, 238.	2.9	6
64	(362-363) Proposals to amend the Code to modify its governance with respect to names of organisms treated as fungi. Taxon, 2016, 65, 918-920.	0.7	5
65	Description of <i>Bifiguratus adelaidae</i> : The hunt ends for one of the "Top 50 Most Wanted Fungi". Mycologia, 2017, 109, 361-362.	1.9	4
66	<i>Fusarium abutilonis</i> and <i>F. guadeloupense</i> , two novel species in the <i>Fusarium buharicum</i> clade supported by multilocus molecular phylogenetic analyses. Mycologia, 2022, 114, 682-696.	1.9	4
67	A Festschrift in Honor of Meredith Blackwell. Mycologia, 2018, 110, 1-3.	1.9	3
68	<i>Pileospora piceae</i> gen. et sp. nov. (Septorioideaceae, Botryosphaerales) from <i>Picea rubens</i> . Mycological Progress, 2019, 18, 163-174.	1.4	3
69	<i>Tryblidiopsis magnesii</i> sp. nov. from <i>Picea glauca</i> in Eastern Canada. Fungal Systematics and Evolution, 2019, 4, 13-20.	2.2	3
70	(2609-2613) Proposals to conserve <i>Amorphotheca resinae</i> against <i>Cladosporium avellaneum</i> , <i>Ditiola mucida</i> (<i>Holwaya mucida</i>) against <i>Acrospermum caliciiforme</i> (<i>Crinula caliciiformis</i>), <i>Lophodermium seditiosum</i> against <i>Leptostroma austriacum</i> , <i>Pezicula sporulosa</i> against <i>Gloeosporium longisporum</i> (<i>Cryptosporiopsis longispora</i>), and <i>Tapesia yallundae</i> (<i>Oculimacula yallundae</i>) against <i>Cercospora herpotrichioides</i> (<i>Pseudocercospora herpotrichioides</i>) (Ascomycota: Leotiomyces). Taxon, 2018, 67, 636-638.	0.7	0
71	Discovery of novel antibiotics from fungal endophytes by comprehensive LC-MS based metabolomics. Planta Medica, 2016, 81, S1-S381.	1.3	0